

DRAFT

San Diego County Air Pollution Control District

10124 Old Grove Rd
San Diego, CA 92131
(858) 586-2600

TITLE V OPERATING PERMIT APCD2008-TVP-960383

Issued To:

Naval Air Station North Island – Fleet Readiness Center Southwest
Site ID # APCD1978-SITE-02756

Site Address

Naval Air Station North Island
Coronado, CA 92135
(619) 545-1057

Mailing Address

P.O. Box 357058
Coronado, CA 92135

Responsible Official – Captain CAPT Shannon P. Thompson, FRCSW Commanding Officer

Alternate Responsible Official – Mr. Adam Kimmerly, Compliance Director, FRCSW

Facility Contact – Dr. Shekar Viswanathan, Air Quality Program Manager, FRCSW

Permit Information Contact – Dr. Shekar Viswanathan, Air Quality Program Manager, FRCSW

Issued by the San Diego County Air Pollution Control District on _____, 2026.

This Title V Operating Permit expires on _____, 2031.

Signed by _____, 2026.

Mohsen Nazemi, P.E., Chief of Engineering

Date

DRAFT

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PREAMBLE

This Title V Operating Permit consists of this document and all appendices, including District permits incorporated by reference. The facility is subject to all applicable requirements identified within this permit, unless a specific permit shield is specified within this permit. If an applicable requirement is omitted from this permit, the facility is still obligated to comply with such an applicable requirement. The permittee must comply with all of the terms listed in each section of this permit.

This permit contains five major sections: Section I contains the Regulation XIV requirements required to carry out the Title V Operating Permit program. Section II contains the requirements that are applicable to the facility on a facility-wide basis. Section III contains the requirements that are applicable to individual emission units which have been issued District permits or District registration, or which have been determined to be insignificant emission units. Section IV contains terms and requirements pertaining to variance procedures and compliance schedules, if applicable to the facility. Section V contains three appendices. Appendix A contains all the District permits incorporated within this permit. Appendix B contains a table of all SIP approved and District approved rules. Appendix C contains a list of abbreviations used within this permit.

Copies of the Rules and Regulations of the Air Pollution Control District of San Diego County and the Rules and Regulations for San Diego County contained in the State Implementation Plan (SIP) approved by EPA may be obtained at the District. Copies are also available for review at the following locations:

SD Air Pollution Control District
10124 Old Grove Rd
San Diego, CA 92131-1649
(858) 586-2600

The current Rules and Regulations of the Air Pollution Control District of San Diego County may also be viewed and downloaded using the following internet address:

<https://www.sdapcd.org/content/sdapcd/rules.html>

The following addresses should be used to submit any certifications, reports or other information required by this permit.

SD Air Pollution Control District
Compliance Division
10124 Old Grove Rd.
San Diego, CA 92131

USEPA Region IX
ECAD Attn: ENF 2-1
75 Hawthorne Street
San Francisco, CA 94105

For reports sent to the District, in lieu of a hardcopy, reports may be emailed to apcdcomp@sdapcd.org

SECTION I. REGULATION XIV PERMIT REQUIREMENTS

A. ADMINISTRATIVE PERMIT TERMS

1. This Title V Operating Permit expires 5 years from the date of issuance. [Rule 1410]
2. Commencing or continuing operation under this permit to operate shall be deemed acceptance of all terms and conditions specified within this permit. This does not limit the right of the applicant to seek judicial review or seek federal EPA review of a permit term or condition. [Rule 1421]
3. This permit may be modified, revoked, reopened and reissued, or terminated by the District for cause. [Rule 1421]
4. The filing of a request by the facility for a permit modification, revocation and re-issuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay the applicability of any permit condition. [Rule 1421]
5. This permit does not convey any property rights of any sort, or any exclusive privilege. [Rule 1421]
6. The need for the permittee to halt or reduce a permitted activity in order to maintain compliance with any term or condition of this permit shall not be a defense for any enforcement action brought as a result of a violation of any such term or condition. [Rule 1421]
7. In the event of challenge to any portion of this permit, the rest of the permit remains valid. [Rule 1421]
8. For the purpose of submitting compliance certifications or establishing whether or not a person has violated or is in violation of any applicable requirement in this permit, nothing in this permit shall preclude the use, including the exclusive use, of any credible evidence or information, relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed. [Rule 1421]

B. RENEWAL REQUIREMENTS AND TERMS

1. The permittee shall submit a complete application for renewal of this permit to the Air Pollution Control Officer at least 12 months, but not more than 18 months prior to permit expiration. [Rule 1410]
2. If an administratively complete application for renewal of this permit has been submitted to the Air Pollution Control Officer within the dates specified in Section I.B.1., the terms and conditions of this permit shall remain in effect and the source may continue operations under these terms and conditions until the Air Pollution Control Officer issues or denies the permit renewal. [Rule 1410]

C. MONITORING, RECORDKEEPING & REPORTING REQUIREMENTS

1. The permittee shall provide the District access to the facility and all equipment subject to this permit, and access to all required records pursuant to CA H&S Code Section 41510. [Rule 1421]
2. The permittee shall maintain all records required by this permit including any calibration, maintenance, and other supporting information and copies of all reports required by this permit for at least five years from their date of creation. Such records shall be maintained on-site for a minimum of three years. [Rule 1421]
3. Records required by this permit shall be considered as being maintained "on-site" if records for the previous 12-month period are available at the stationary source and any additional records are maintained at a location to be specified by the source and made readily available to the District upon request. [Rule 21]
4. The permittee shall submit monitoring and recordkeeping summary reports and all other monitoring and recordkeeping reports required by this permit to the District every six months, unless a shorter time frame is required by a specific permit condition contained in Section III of this permit. Unless other dates are specified in Section III, reports for data required to be collected from January 1 through June 30, shall be submitted no later than September 1 of the calendar year, and reports for data required to be collected from July 1 through December 31, shall be submitted no later than March 1 of the following calendar year. The report for the final six months of the year may be consolidated with the annual compliance certification required below. All instances of noncompliance from federally enforceable applicable requirements shall be clearly identified in these reports. (Timely completion of District Certification Reports Form J1 and Form J2, if applicable, and all indicated attachments, fulfills the requirements of this condition.) [Rule 1421]
5. Each calendar year, the permittee shall submit to the District and to the federal EPA an annual compliance certification, in a manner and form approved in writing by the District, for the previous calendar year that includes the identification of each applicable term or condition of the final permit for which the compliance status is being certified, the compliance status and whether the facility was in continuous or intermittent compliance during the previous calendar year, identification of the method used to determine compliance during the previous calendar year, and any other information required by the District to determine the compliance status. The annual compliance certification for a calendar year shall be submitted no later than March 1 of the following calendar year and may be consolidated with the monitoring and recordkeeping report for the last six months of the year for which compliance is certified. (Timely completion of District Certification Reports Form J1 and Form J2, if applicable, and all indicated attachments, fulfills the requirements of this condition.) [Rule 1421]
6. Any report submitted to the District or federal EPA pursuant to this permit to comply with a federally enforceable applicable requirement, shall be certified by a responsible official stating that, based on information and belief formed after reasonable inquiry, the report is true, accurate and complete. [Rule 1421]
7. The permittee shall make any trade secret designations of records, documents, or other information submitted to the District or federal EPA in accordance with District Rule

176. [Rule 176]

8. The permittee shall report all deviations from any and all federally enforceable permit terms and conditions including: (a) breakdowns, whether or not they result in excess emissions, (b) deviations that result in excess emissions of any regulated air pollutant, and (c) deviations from monitoring, recordkeeping, reporting and other administrative requirements that do not result in excess emissions. For deviations that result from breakdowns under District Rule 98, the permittee shall report the breakdown within two hours of detection of the breakdown and provide a follow-up written report after corrective actions have been taken. For deviations not due to a breakdown but which result in excess emissions, the permittee shall report the deviation within ten calendar days of detection. For all other deviations where no specific time frame for reporting a deviation applies, the permittee shall report the deviation at the time of the next semi-annual monitoring summary or annual compliance certification, whichever occurs first. If an underlying applicable requirement contains a definition of prompt or otherwise specifies a time frame for reporting deviations, then the criteria for the applicable requirement shall apply. The report must include the probable cause of such deviations and any corrective actions or preventive measures taken. [Rule 1421]

D. GENERAL PERMIT REQUIREMENTS

1. The permittee shall comply with all terms and conditions of this permit. This permit consists of this document and Appendixes A, B and C. Any noncompliance with the federally applicable terms and conditions of this permit shall constitute a violation of the federal Clean Air Act. Noncompliance with any federally applicable permit term or condition of this permit is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. Noncompliance with any District permit term or condition is grounds for enforcement action by the District. [Rule 1421]
2. Upon a written request by the District, the permittee shall furnish to the District any information needed to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit; any information required to determine compliance with this permit; or any records required to be maintained pursuant to this permit. Such information shall be provided within a reasonable time, as specified within the District's written request. [Rule 1421]
3. The permittee shall pay annual fees in accordance with District Rule 40. [Rule 1421]
4. The permittee shall provide access, facilities, utilities and any necessary safety equipment for source testing and inspection upon request of the District. [Rule 19]
5. This permit shall be maintained on-site at all times and be made available to the District upon request. [Rule 1410]
6. The Rule Reference Table provided in Appendix B shall be used to determine whether a cited rule is a federally and District enforceable requirement or a District only enforceable requirement. Any new or revised District rule shall not be considered federally enforceable until the rule is approved by EPA into the SIP. In cases where SIP approval is pending for a revised District rule, the rule citation shall refer to both the current SIP approved rule and the revised District rule. [Rule 1421]

SECTION II. FACILITY-WIDE REQUIREMENTS

A. GENERAL PERMIT PROGRAM APPLICABLE REQUIREMENTS

The permittee shall comply with the applicable requirements specified in the Rules and Regulations cited below, unless specifically exempted by the same Rule or Regulation.

Regulation	Rule Citation	Title
SDCAPCD Reg. II	10(a) 10(b)	Permits Required – (a) Authority to Construct Permits Required – (b) Permit to Operate
SDCAPCD Reg. II	19	Provision of Sampling & Testing Facilities
SDCAPCD Reg. II	19.3	Emission Information
SDCAPCD Reg. II	20.1-20.4	New Source Review
SDCAPCD Reg. II	21	Permit Conditions
SDCAPCD Reg. II	24	Temporary Permit to Operate
SDCAPCD Reg. II	25	Appeals
SDCAPCD Reg. IV	60	Circumvention
SDCAPCD Reg. IV	71	Abrasive Blasting
SDCAPCD Reg. V	98*	Breakdown Conditions: Emergency Variance
SDCAPCD Reg. VI	101	Burning Control
SDCAPCD Reg. VIII	131	Stationary Source Curtailment Plan
SDCAPCD Reg. VIII	132	Traffic Abatement Plan
40 CFR Part 82	Subpart B	Servicing of Motor Vehicle Air Conditioners
40 CFR Part 82	Subpart F	Recycling and Emissions Reducing
40 CFR Part 59	Subpart C	VOC Standards for Consumer Products

**Breakdowns/variances are not recognized by EPA and cannot grant relief from federal enforcement of requirements*

B. GENERAL PROHIBITORY APPLICABLE REQUIREMENTS

The permittee shall comply with the generally applicable requirements specified in the Rules and Regulations cited below, unless specifically exempted by the same Rule or Regulation. These generally applicable requirements apply on a facility-wide basis to all permitted equipment, registered equipment, and insignificant activities. In cases where a requirement, in addition to being generally applicable, is also specifically applicable to one or more permitted emission units, the requirement is also included in Section III.A. of this permit.

Regulation	Rule Citation	Title
SDCAPCD Reg. IV	12	Registered Equipment
SDCAPCD Reg. IV	12.1	Portable Registered Equipment
SDCAPCD Reg. IV	52	Particulate Matter

SDCAPCD Reg. IV	53	Specific Contaminants
SDCAPCD Reg. IV	62	Sulfur Content of Fuels
SDCAPCD Reg. IV	66.1	Miscellaneous Surface Coating & Other VOC Emitting Processes
SDCAPCD Reg. IV	67.0.1	Architectural Coatings
SDCAPCD Reg. IV	67.17	Storage of Materials Containing VOCs
SDCAPCD Reg. IV	68	Fuel Burning Equipment – NOx
SDCAPCD Reg. IV	69.2.2	Medium Boilers, Process Heaters and Steam Generators
SDCAPCD Reg. X	40 CFR 60 Subpart A	NSPS General Provisions
40 CFR Part 60	Subpart A	NSPS General Provisions
SDCAPCD Reg. XI	40 CFR 63 Subpart A	NESHAP General Provisions
40 CFR Part 63	Subpart A	NESHAP General Provisions
40 CFR Part 61	Subpart M	NESHAP – Asbestos
SDCAPCD Reg. XII	1200**	Toxic Air Contaminants – New Source Review
SDCAPCD Reg. XII	1206*	Asbestos Removal, Demolition and Renovation

** The District issued its own Asbestos Rule 1206 intended to be as stringent as Subpart M. The facility is subject to the most stringent requirements of either rule, which at the time of this report is ensured by compliance with Rule 1206.*

***Not federally enforceable*

C. PERMIT SHIELDS

No permit shields are granted in this permit.

D. ADDITIONAL TERMS

1. Any emission unit described in this Title V operating permit as being fired on natural gas, shall only use Public Utility Commission (PUC)-quality natural gas, unless the emission unit permit specifies otherwise. [Rule(s) 53, 62]
2. Before operating any equipment which is listed in Appendix A of this permit in inactive status, the owner or operator must apply to reactivate the permit, receive approval, and apply for (and if necessary receive approval for) the appropriate Title V amendment or modification.

SECTION III. EMISSION UNIT REQUIREMENTS

The Rule Reference Table provided in Appendix B shall be used to determine whether a

cited rule is a federally and District enforceable requirement or a District only enforceable requirement. In cases where SIP approval is pending for a revised District rule, the rule citation shall refer to both the current SIP approved rule and the revised District rule. In these cases, both rules shall be enforceable requirements as indicated in the Rule Reference Table unless a specific permit shield for one or both rules has been granted.

A. DISTRICT PERMITTED EMISSION UNITS

The District Permits listed in the table below and attached in Appendix A, including all terms and conditions of such permits, constitute the emission unit portion of this Title V Operating Permit document.

B. REGISTERED AND LEASED EMISSION UNITS

The permittee shall comply with the source specific applicable requirements specified in the Rules and Regulations cited below for all registered emission units, unless specifically exempted by the same Rule or Regulations.

Regulation	Rule Citation	Title
SDCAPCD Reg. IV	52	Particulate Matter
SDCAPCD Reg. IV	53	Specific Contaminants
SDCAPCD Reg. IV	54	Dust and Fumes
SDCAPCD Reg. IV	62	Sulfur Content of Fuels

C. INSIGNIFICANT EMISSION UNITS AND ACTIVITIES

The permittee shall comply with the source specific applicable requirements specified in the Rules and Regulations cited below for all emission units not required to obtain a District Permit to Operate pursuant to Rule 11, unless specifically exempted by the same Rule or Regulations.

Regulation	Rule Citation	Title
SDCAPCD Reg. IV	62	Sulfur Content of Fuels
SDCAPCD Reg. IV	66	Organic Solvents

SECTION IV. DISTRICT-ONLY PROVISIONS

VARIANCE PROCEDURES

The permittee may seek relief from District enforcement action in the event of a breakdown in accordance with District Rule 98. Notwithstanding the foregoing, the granting by the District of breakdown relief or the issuance by the Hearing Board of a variance does not provide relief from federal enforcement or citizen's suits. [Rule 98]

APPENDIX A: DISTRICT PERMITS

Permit Number	Source Category	Operational ^a
APCD2007-PTO-004966	Blasting	Active
APCD2007-PTO-005808	Blasting	Active
APCD2007-PTO-005809	Blasting	Active
APCD2007-PTO-005810	Blasting	Active
APCD2007-PTO-005977	Blasting	Active
APCD2007-PTO-890333	Blasting	Active
APCD2008-PTO-005815	Blasting	Active
APCD2008-PTO-910891	Blasting	Active
APCD2009-PTO-005812	Blasting	Active
APCD2016-PTO-002579	Blasting	Active
APCD2016-PTO-002593	Blasting	Active
APCD2018-PTO-003144	Boiler	Active
APCD2018-PTO-003145	Boiler	Active
APCD2018-PTO-003146	Boiler	Active
APCD2018-PTO-003147	Boiler	Active
APCD2018-PTO-003148	Boiler	Active
APCD2018-PTO-003149	Boiler	Active
APCD2023-PTO-004736	Boiler	Active
APCD2023-PTO-004737	Boiler	Active
APCD2003-PTO-971079	Chrome Conversion	Active
APCD2003-PTO-971081	Chrome Conversion	Active
APCD2003-PTO-971082	Chrome Conversion	Active
APCD2003-PTO-971083	Chrome Conversion	Active
APCD2020-PTO-003606	Chrome Conversion	Active
APCD2007-PTO-911471	Chrome Electrostripping	Active
APCD2003-PTO-004986	Coating	Active
APCD2003-PTO-005209	Coating	Active
APCD2003-PTO-005213	Coating	Active
APCD2003-PTO-005451	Coating	Active
APCD2003-PTO-890120	Coating	Active
APCD2003-PTO-940811	Coating	Active
APCD2008-PTO-005286	Coating	Active
APCD2008-PTO-005287	Coating	Active
APCD2008-PTO-005288	Coating	Active
APCD2008-PTO-005289	Coating	Active
APCD2008-PTO-005290	Coating	Active
APCD2008-PTO-005291	Coating	Active
APCD2008-PTO-005292	Coating	Active
APCD2008-PTO-005293	Coating	Active
APCD2008-PTO-005452	Coating	Inactive
APCD2008-PTO-006144	Coating	Inactive
APCD2008-PTO-007053	Coating	Inactive
APCD2008-PTO-900725	Coating	Inactive
APCD2008-PTO-921189	Coating	Inactive
APCD2008-PTO-985828	Coating	Inactive
APCD2013-PTO-001820	Coating	Inactive

Permit Number	Source Category	Operational ^a
APCD2007-PTO-880835	Thermal Spray	Active
APCD2008-PTO-890259	Thermal Spray	Active
APCD2008-PTO-890260	Thermal Spray	Active
APCD2006-PTO-975820	Grinding/Machining	Active
APCD2006-PTO-977917	Grinding/Machining	Active
APCD2006-PTO-980067	Grinding/Machining	Active
APCD2006-PTO-982370	Grinding/Machining	Active
APCD2007-PTO-006954	Grinding/Machining	Active
APCD2007-PTO-006955	Grinding/Machining	Active
APCD2007-PTO-020874	Grinding/Machining	Active
APCD2007-PTO-861018	Grinding/Machining	Active
APCD2007-PTO-870798	Grinding/Machining	Active
APCD2007-PTO-920319	Grinding/Machining	Active
APCD2007-PTO-920320	Grinding/Machining	Active
APCD2007-PTO-921344	Grinding/Machining	Active
APCD2007-PTO-970419	Grinding/Machining	Active
APCD2007-PTO-976610	Grinding/Machining	Active
APCD2011-PTO-000943	Grinding/Machining	Active
APCD2011-PTO-000944	Grinding/Machining	Active
APCD2017-PTO-002799	Grinding/Machining	Active
APCD2003-PTO-900053	Hard Chrome	Active
APCD2007-PTO-900204	Metal Deposition	Active
APCD2015-PTO-002488	Metal Deposition	Active
APCD2003-PTO-004982	Metal Processing	Active
APCD2003-PTO-004983	Metal Processing	Active
APCD2003-PTO-005202	Metal Processing	Active
APCD2003-PTO-960920	Metal Processing	Active
APCD2006-PTO-980839	Metal Processing	Active
APCD2003-PTO-890682	Sand & Aggregate	Active
APCD2003-PTO-900819	Sand & Aggregate	Active
APCD2003-PTO-005402	Solvent	Active
APCD2003-PTO-005403	Solvent	Active
APCD2003-PTO-971390	Solvent	Active
APCD2008-PTO-004969	Solvent	Active
APCD2008-PTO-004989	Solvent	Active
APCD2008-PTO-005481	Solvent	Active
APCD2008-PTO-005512	Solvent	Active
APCD2008-PTO-006409	Solvent	Active
APCD2008-PTO-007051	Solvent	Active
APCD2008-PTO-860368	Solvent	Active
APCD2008-PTO-860436	Solvent	Active
APCD2008-PTO-860438	Solvent	Active
APCD2008-PTO-860440	Solvent	Active
APCD2008-PTO-983669	Solvent	Active
APCD2008-PTO-985382	Solvent	Active
APCD2009-PTO-006416	Solvent	Active
APCD2009-PTO-978847	Solvent	Active
APCD2012-PTO-001309	Solvent	Active
APCD2022-PTO-004281	Solvent	Active
APCD2022-PTO-004282	Solvent	Active

Permit Number	Source Category	Operational ^a
APCD2003-PTO-008201	Test Cell	Active
APCD2003-PTO-030742	Test Cell	Active

^aInactive indicates that the equipment is in nonoperational status and can only operate, if at all, in very limited circumstances as provided for in District Rule 11—Exemptions.



COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131-1649
PHONE (858) 586-2600 Fax (858) 586-2601
www.sdapcd.org

PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2008-PTO-860368


Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

One (1) Stripping Tank
 Manufacturer: Custom-made; installed before 1-Sep-1980
 Dimensions: 14.5' L x 5' W x 8' H
 Solvent: Turco 5351-Thin (Methylene Chloride based) with >1" water cap
 Located in Bldg. 472, Tank C1-4
 (Mod 11-12 JLF)

Functional Group: Aircraft Repairs/Overhaul.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [28D] Paint Stripping Tank

BEC: APCD2010-CON-000142

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. This equipment shall only be used to strip electronic components, electrical components, medical devices, aerospace components removed from the vehicles (except wings and stabilizers), or precision optics components. (Rule 21, Rule 67.6.1, 40 CFR 63 Subpart GG)
2. The paint stripping operation described above shall comply with all requirements of Rule 67.6.1.



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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2008-PTO-860368



3. The stripping equipment described above shall be equipped with:
 - A. A readily visible permanent mark or line indicating the maximum allowable solvent level to provide a freeboard ratio greater than or equal to 0.75. Freeboard ratio is the freeboard height divided by the smaller of the interior length or width of the stripping tank. Freeboard height is the distance from the solvent-air interface to the top of the stripping tank, based on inside tank dimensions. Alternatively, a sealing fluid shall be used.
 - B. A cover that completely covers the solvent. This cover shall not be removed except when work or maintenance is being performed in the stripping tank.
 - C. A facility for draining parts such that the drained solvent returns to the container.
 - D. A permanent, conspicuous, and legible label listing the applicable operating requirements shall be posted on or near the stripping operation. [Rule 67.6.1]
4. The permittee shall use only the solvent specified above. [Rule 67.6.1]
5. There shall be no liquid leaks from any portion of the paint stripping system. If a liquid leak is detected, the leak shall be repaired immediately or the stripping operation shall be shut down and drained of solvent in a manner that minimizes emissions. [Rule 67.6.1]
6. Solvent spraying, when necessary, shall only be done using a continuous liquid stream at a low enough pressure that does not cause liquid solvent to splash outside of the sink or work area. Fine, atomized, or shower type spray shall not be used. (Rule 67.6.1)
7. Solvent agitation when necessary shall only be done using pump circulation, a mechanical mixer, or ultrasonic agitation. Air or gas bubble agitation shall not be used. (Rule 67.6.1)
8. The permittee shall minimize solvent carry-out from the paint stripping system by applying the following methods:
 - A. Allowing full solvent drainage by placing parts on a rack or by other means,
 - B. Tipping out any pools of solvent from cleaned parts before removal from the stripping tank; and,
 - C. Allowing parts to dry within the stripping tank until visually dry or dripping ceases. [Rule 67.6.1]
9. Waste solvent and any contaminated residue shall be recycled or disposed of according to requirements based on the California Health and Safety Code Division 20, Chapter 6.3 (beginning at section 25100) concerning hazardous waste disposal. (Rule 67.6.1)
10. The permittee shall maintain records of amounts and dates of solvent added to and removed from the stripping equipment. These records shall be kept on site for three (3) years and made available to the District upon request. [Rule 20.3]
11. Current Material Safety Data Sheets (MSDS) or manufacturer specifications for the solvent used shall be maintained on site and made readily available to the District upon request. The MSDS and/or manufacturer's specifications shall, at minimum, contain the following information: manufacturer name and identification for each solvent, solvent composition (including each ingredient and its percentages), volatile organic compound (VOC) content of solvent expressed in g/l (lb/gal) of material as used, density for each solvent and mix ratios.
12. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

13. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
14. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2008-PTO-860436

Fleet Readiness Center Southwest / Co
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 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Cold solvent degreaser (6.6 square feet surface area)
 Manufacturer: Graymills
 Model: 500-A
 Dimensions: 44 inches long x 21.5 inches wide
 Solvent: PD-680, See Attachment AA
 Functional group: Aircraft Repairs/Overhaul
 In building 378

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [28B] Cold Solvent Degreaser

BEC: APCD2026-CON-002327

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. The cold solvent cleaner (degreaser) described above shall comply with all requirements of Rule 67.6.1. (Rule 67.6.1)
2. Permittee shall only use the non-HAP solvent listed in the equipment description of this permit. The material safety data sheet (MSDS) for the solvent used shall be maintained on site and available to the District upon request. (Rule 21 and 67.6.1 or 67.6.2, Subpart GG)



COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
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Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2008-PTO-860436



3. The degreaser described above shall be equipped with:
 - a. readily visible permanent mark or line indicating the maximum allowable solvent level to provide a freeboard ratio greater than or equal to 0.5. Freeboard ratio is the freeboard height divided by the smaller of the interior length or width of the degreaser tank. Freeboard height is the distance from the solvent-air interface to the top of the degreaser, based on inside tank dimensions.
 - b. a cover that completely covers the solvent and is easily operable with one hand or mechanically assisted. This cover shall not be removed except when work or maintenance is being performed in the degreaser.
 - c. a facility for draining parts such that the drained solvent returns to the container.
 - d. a permanent, conspicuous, and legible label listing the applicable operating requirements shall be posted on or near the degreaser. (Rule 67.6.1)
4. The permittee shall not allow the actual solvent level to be above the marked maximum solvent level line at any time. (Rule 67.6.1)
5. There shall be no liquid leaks from any portion of the degreaser. If a liquid leak is detected, the leak shall be repaired immediately or the degreaser shall be shut down and drained of solvent in a manner that minimizes emissions. (Rule 67.6.1)
6. The permittee shall not clean any porous or absorbent materials, such as cloth, leather, wood, or rope in the degreaser. (Rule 67.6.1)
7. Solvent spraying, when necessary, shall only be done using a continuous liquid stream at a low enough pressure that does not cause liquid solvent to splash outside of the sink or work area. Fine, atomized, or shower type spray shall not be used. (Rule 67.6.1)
8. Solvent agitation when necessary shall only be done using pump circulation, a mechanical mixer, or ultrasonic agitation. Air or gas bubble agitation shall not be used. (Rule 67.6.1)
9. The degreaser shall not be exposed to air currents or drafts greater than 131 feet (40 meters) per minute. (Rule 67.6.1)
10. The permittee shall minimize solvent carry-out from the degreaser by applying the following methods:
 - a. allowing full solvent drainage by placing parts on a rack or by other means,
 - b. tipping out any pools of solvent from cleaned parts before removal from the degreaser and,
 - c. allowing parts to dry within the degreaser until visually dry or dripping ceases. (Rule 67.6.1)
11. Waste solvent and any contaminated residue shall be recycled or disposed of according to requirements based on the California Health and Safety Code Division 20, Chapter 6.3 (beginning at section 25100) concerning hazardous waste disposal. (Rule 67.6.1)
12. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

13. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
14. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2008-PTO-860438


Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

COLD SOLVENT DEGREASER (5.2 SQ FT SURFACE):
 MANUFACTURER: KLEER-FLOW
 MODEL: J-80
 DIMENSIONS: 22 1/2" X 44 1/2"
 SOLVENT(S): PD 680
 IN BLDG 472

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [28B] Cold Solvent Degreaser

BEC: APCD2026-CON-002327

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. The cold solvent cleaner (degreaser) described above shall comply with all requirements of Rule 67.6.1. (Rule 67.6.1)
2. Permittee shall only use the non-HAP solvent listed in the equipment description of this permit. The material safety data sheet (MSDS) for the solvent used shall be maintained on site and available to the District upon request. (Rule 21 and 67.6.1 or 67.6.2, Subpart GG)



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Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

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3. The degreaser described above shall be equipped with:
 - a. readily visible permanent mark or line indicating the maximum allowable solvent level to provide a freeboard ratio greater than or equal to 0.5. Freeboard ratio is the freeboard height divided by the smaller of the interior length or width of the degreaser tank. Freeboard height is the distance from the solvent-air interface to the top of the degreaser, based on inside tank dimensions.
 - b. a cover that completely covers the solvent and is easily operable with one hand or mechanically assisted. This cover shall not be removed except when work or maintenance is being performed in the degreaser.
 - c. a facility for draining parts such that the drained solvent returns to the container.
 - d. a permanent, conspicuous, and legible label listing the applicable operating requirements shall be posted on or near the degreaser. (Rule 67.6.1)
4. The permittee shall not allow the actual solvent level to be above the marked maximum solvent level line at any time. (Rule 67.6.1)
5. There shall be no liquid leaks from any portion of the degreaser. If a liquid leak is detected, the leak shall be repaired immediately or the degreaser shall be shut down and drained of solvent in a manner that minimizes emissions. (Rule 67.6.1)
6. The permittee shall not clean any porous or absorbent materials, such as cloth, leather, wood, or rope in the degreaser. (Rule 67.6.1)
7. Solvent spraying, when necessary, shall only be done using a continuous liquid stream at a low enough pressure that does not cause liquid solvent to splash outside of the sink or work area. Fine, atomized, or shower type spray shall not be used. (Rule 67.6.1)
8. Solvent agitation when necessary shall only be done using pump circulation, a mechanical mixer, or ultrasonic agitation. Air or gas bubble agitation shall not be used. (Rule 67.6.1)
9. The degreaser shall not be exposed to air currents or drafts greater than 131 feet (40 meters) per minute. (Rule 67.6.1)
10. The permittee shall minimize solvent carry-out from the degreaser by applying the following methods:
 - a. allowing full solvent drainage by placing parts on a rack or by other means,
 - b. tipping out any pools of solvent from cleaned parts before removal from the degreaser and,
 - c. allowing parts to dry within the degreaser until visually dry or dripping ceases. (Rule 67.6.1)
11. Waste solvent and any contaminated residue shall be recycled or disposed of according to requirements based on the California Health and Safety Code Division 20, Chapter 6.3 (beginning at section 25100) concerning hazardous waste disposal. (Rule 67.6.1)
12. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

13. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
14. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2008-PTO-860440

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 Program Manager Dr. Shekar Viswanath
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 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

COLD SOLVENT DEGREASER:
 MANUFACTURER: KLEER-FLO CLEAN MASTER
 MODEL: J80
 DIMENSIONS: 44" X 23" X 28"H
 SOLVENT(S): PD 680
 IN BUILDING 472

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [28B] Cold Solvent Degreaser

BEC: APCD2026-CON-002327

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. The cold solvent cleaner (degreaser) described above shall comply with all requirements of Rule 67.6.1. (Rule 67.6.1)
2. Permittee shall only use the non-HAP solvent listed in the equipment description of this permit. The material safety data sheet (MSDS) for the solvent used shall be maintained on site and available to the District upon request. (Rule 21 and 67.6.1 or 67.6.2, Subpart GG)



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Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2008-PTO-860440


3. The degreaser described above shall be equipped with:
 - a. readily visible permanent mark or line indicating the maximum allowable solvent level to provide a freeboard ratio greater than or equal to 0.5. Freeboard ratio is the freeboard height divided by the smaller of the interior length or width of the degreaser tank. Freeboard height is the distance from the solvent-air interface to the top of the degreaser, based on inside tank dimensions.
 - b. a cover that completely covers the solvent and is easily operable with one hand or mechanically assisted. This cover shall not be removed except when work or maintenance is being performed in the degreaser.
 - c. a facility for draining parts such that the drained solvent returns to the container.
 - d. a permanent, conspicuous, and legible label listing the applicable operating requirements shall be posted on or near the degreaser. (Rule 67.6.1)
4. The permittee shall not allow the actual solvent level to be above the marked maximum solvent level line at any time. (Rule 67.6.1)
5. There shall be no liquid leaks from any portion of the degreaser. If a liquid leak is detected, the leak shall be repaired immediately or the degreaser shall be shut down and drained of solvent in a manner that minimizes emissions. (Rule 67.6.1)
6. The permittee shall not clean any porous or absorbent materials, such as cloth, leather, wood, or rope in the degreaser. (Rule 67.6.1)
7. Solvent spraying, when necessary, shall only be done using a continuous liquid stream at a low enough pressure that does not cause liquid solvent to splash outside of the sink or work area. Fine, atomized, or shower type spray shall not be used. (Rule 67.6.1)
8. Solvent agitation when necessary shall only be done using pump circulation, a mechanical mixer, or ultrasonic agitation. Air or gas bubble agitation shall not be used. (Rule 67.6.1)
9. The degreaser shall not be exposed to air currents or drafts greater than 131 feet (40 meters) per minute. (Rule 67.6.1)
10. The permittee shall minimize solvent carry-out from the degreaser by applying the following methods:
 - a. allowing full solvent drainage by placing parts on a rack or by other means,
 - b. tipping out any pools of solvent from cleaned parts before removal from the degreaser and,
 - c. allowing parts to dry within the degreaser until visually dry or dripping ceases. (Rule 67.6.1)
11. Waste solvent and any contaminated residue shall be recycled or disposed of according to requirements based on the California Health and Safety Code Division 20, Chapter 6.3 (beginning at section 25100) concerning hazardous waste disposal. (Rule 67.6.1)
12. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

13. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
14. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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Site ID: APCD1978-SITE-02756
App ID: APCD1998-APP-971390

PERMIT ID

APCD2003-PTO-971390


Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Facility-wide solvent wipe cleaning operation performed at the Naval Aviation Depot, North Island.

Functional Group: Aircraft Repairs/Overhaul.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [91A] Miscellaneous
 1 [28M] Solvent Application Operation

BEC: 11252

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. All materials containing volatile organic compounds shall be stored in closed containers in accordance with Rule 67.17 requirements. (Rule 67.17)
2. At no time shall the subject equipment cause or contribute to a public nuisance as specified in District Rule 51. If compliance with Rule 51 cannot be demonstrated to the satisfaction of the District, the permittee will take whatever corrective action necessary to meet applicable requirements. If corrective action requires any physical change or modification to the subject equipment the permittee shall apply for and obtain an Authority to Construct for all such modifications prior to making any physical change. (Rule 51)
3. Permittee shall comply with all applicable requirements of Rule 66.1, Rule 67.9, and 40 CFR 63 subpart GG 63.744.



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Site ID: APCD1978-SITE-02756
App ID: APCD1998-APP-971390

PERMIT ID

APCD2003-PTO-971390



4. When conducting solvent cleaning operations (including wipe cleaning) of aerospace components, the permittee shall meet one of the following requirements:
 - a. the total VOC vapor pressure is 45 mm Hg or less at 20 C (68 F); or
 - b. the aerospace component is cleaned in an enclosed cleaning material container which is only opened when accessing parts or adding surface cleaning materials. (Rule 67.9, 40 CFR 63 subpart GG 63.744)
5. When conducting solvent cleaning operations (including wipe cleaning), the permittee shall meet one of the following requirements:
 - a. the VOC content of cleaning material shall be 50 grams/liter (0.42 lbs/gal), or less as used; or
 - b. the total VOC vapor pressure of cleaning material shall be 8 mm Hg at 20°C (68°F) or less.The above requirements under items a and b do not apply when conducting solvent cleaning (including wipe cleaning) of aerospace components. (Rule 66.1)
6. The maximum total emissions of volatile organic compounds from wipe cleaning operations not associated with other permitted processes used in the above buildings or shops at the Naval Aviation Depot shall not exceed 29.9 tons in any consecutive 12-month period. [Rule 20.3]
7. The hand-wipe cleaning operations shall be operated in compliance with all applicable housekeeping measures of 40 CFR Part 63.744(A), including storage of absorbent applicator, storage of cleaning solvents, and handling and transfer of cleaning solvent requirements.
8. The hand-wipe cleaning operations shall be operated using solvents in compliance with all applicable requirements of 40 CFR Part 63.744(B) except for exempt operations identified in 40 CFR Part 63.744 (E).
9. Records shall be maintained for hand-wipe cleaning operations in accordance with all applicable requirements of 40 CFR part 63.752(A) and (B)(2), (3), and (4), including the name, vapor pressure, and documentation showing the organic HAP constituents of each cleaning solvent used. Such records shall be maintained on site for a period of no less than five years and be made available to the District or Federal EPA upon request.
10. Reporting shall be made semiannually for hand-wipe cleaning operations in accordance with all applicable requirements of 40 CFR Part 63.753.
11. The applicable test methods listed in 40 CFR Part 63.750 shall be used to determine compliance with the applicable standards of 40 CFR part 63.744.
12. The Permittee shall keep monthly records of the solvents used or issued for solvent wipe cleaning operations in each building at the Naval Aviation Depot. An aggregate total monthly building emission summary and a running consecutive 12-month summary from the above operations shall be maintained. The records shall be made available to the District upon request. Records shall be kept for at least three years. Quantity used or issued is assumed to be emitted. [Rule 20.3, 40 CFR 63 subpart GG 63.752(b)]
13. Current material safety data sheets (MSDS) or manufacturer's specifications regarding volatile organic compound (VOC) and toxic air contaminant (TAC) content shall be maintained on site and made readily available to the District upon request. MSDS and manufacturer's specifications shall, at a minimum, contain the following information: VOC content weight or weight percentage, TAC content weight or weight percentage and material density (weight per volume) or material specific gravity (material density relative to the density of water). [Rule 20.3]
14. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

15. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
16. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2009-PTO-978847


Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

One (1) Remote Reservoir Cleaner for Functional Group: Aircraft Repairs/Overhaul.
 Manufacturer: Safety Kleen
 Model: 570
 Serial Number 25700056
 Internal Size: 23" L X 21" W X 30" H
 Solvent: PD-680 (May be listed as CAS# 64741-96-4, 64742-88-7, 64742-48-9, or 8052-41-3)

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [28F] Remote Reservoir Cleaners

BEC: APCD2026-CON-002328

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. The remote reservoir cleaner (degreaser) described above shall comply with all requirements of Rule 67.6.1. (Rule 67.6.1)
2. Permittee shall only use the non-HAP solvent listed in the equipment description of this permit. The material safety data sheet (MSDS) for the solvent used shall be maintained on site and available to the District upon request. (Rule 21 and 67.6.1 or 67.6.2, Subpart GG)
3. The remote reservoir cleaner (degreaser) described above shall be equipped with a cover that completely covers the sink or work area of the degreaser and a cover that completely covers the solvent container. These covers shall not be removed except when work or maintenance is being performed in the degreaser. (Rule 67.6.1)
4. The sink or work area of the degreaser shall have a freeboard height of at least 6 inches (15 cm). Freeboard height is the distance from the bottom of the sink or work area to the top of the sink or work area. (Rule 67.6.1)



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Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2009-PTO-978847



5. The sink or work area of the degreaser shall be sloped towards the drain such that no pooling of solvent occurs in the sink or work area. (Rule 67.6.1)
6. The degreaser shall not be used for soaking parts. The solvent return opening of the sink or work area of the degreaser shall not be plugged or blocked. (Rule 67.6.1)
7. A permanent, conspicuous, and legible label listing the applicable operating requirements for the degreaser shall be posted on or near the degreaser. (Rule 67.6.1)
8. There shall be no liquid leaks from any portion of the degreaser. If a liquid leak is detected, the leak shall be repaired immediately or the degreaser shall be shut down and drained of solvent in a manner that minimizes emissions. (Rule 67.6.1)
9. The permittee shall not clean any porous or absorbent materials, such as cloth, leather, wood, or rope in the degreaser. (Rule 67.6.1)
10. Solvent spraying, when necessary, shall only be done using a continuous liquid stream at a low enough pressure that does not cause liquid solvent to splash outside of the sink or work area. Fine, atomized, or shower type spray shall not be used. (Rule 67.6.1)
11. Solvent agitation when necessary shall only be done using pump circulation, a mechanical mixer, or ultrasonic agitation. Air or gas bubble agitation shall not be used. (Rule 67.6.1)
12. The degreaser shall not be exposed to air currents or drafts greater than 131 feet (40 meters) per minute. (Rule 67.6.1)
13. The permittee shall minimize solvent carry-out from the degreaser by applying the following methods:
 - a. allowing full solvent drainage by placing parts on a rack or by other means,
 - b. tipping out any pools of solvent from cleaned parts before removal from the degreaser and,
 - c. allowing parts to dry within the degreaser until visually dry or dripping ceases. (Rule 67.6.1)
14. Waste solvent and any contaminated residue shall be recycled or disposed of according to requirements based on the California Health and Safety Code Division 20, Chapter 6.3 (beginning at section 25100) concerning hazardous waste disposal. (Rule 67.6.1)
15. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

16. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
17. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2008-PTO-983669


Fleet Readiness Center Southwest / Co
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EQUIPMENT ADDRESS

Fleet Readiness Center
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PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

COLD SOLVENT DEGREASER:
 MANUFACTURER: KLEEN TEC
 S/N: 020126
 DIMENSIONS: 48"L X 27.5"W X 32"H
 SOLVENT(S): PD 680.

Functional Group: Aircraft Repairs/Overhaul.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [28B] Cold Solvent Degreaser

BEC: APCD2026-CON-002327

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. The cold solvent cleaner (degreaser) described above shall comply with all requirements of Rule 67.6.1. (Rule 67.6.1)
2. Permittee shall only use the non-HAP solvent listed in the equipment description of this permit. The material safety data sheet (MSDS) for the solvent used shall be maintained on site and available to the District upon request. (Rule 21 and 67.6.1 or 67.6.2, Subpart GG)



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App ID: APCD2015-APP-004084

PERMIT ID

APCD2008-PTO-983669


3. The degreaser described above shall be equipped with:
 - a. readily visible permanent mark or line indicating the maximum allowable solvent level to provide a freeboard ratio greater than or equal to 0.5. Freeboard ratio is the freeboard height divided by the smaller of the interior length or width of the degreaser tank. Freeboard height is the distance from the solvent-air interface to the top of the degreaser, based on inside tank dimensions.
 - b. a cover that completely covers the solvent and is easily operable with one hand or mechanically assisted. This cover shall not be removed except when work or maintenance is being performed in the degreaser.
 - c. a facility for draining parts such that the drained solvent returns to the container.
 - d. a permanent, conspicuous, and legible label listing the applicable operating requirements shall be posted on or near the degreaser. (Rule 67.6.1)
4. The permittee shall not allow the actual solvent level to be above the marked maximum solvent level line at any time. (Rule 67.6.1)
5. There shall be no liquid leaks from any portion of the degreaser. If a liquid leak is detected, the leak shall be repaired immediately or the degreaser shall be shut down and drained of solvent in a manner that minimizes emissions. (Rule 67.6.1)
6. The permittee shall not clean any porous or absorbent materials, such as cloth, leather, wood, or rope in the degreaser. (Rule 67.6.1)
7. Solvent spraying, when necessary, shall only be done using a continuous liquid stream at a low enough pressure that does not cause liquid solvent to splash outside of the sink or work area. Fine, atomized, or shower type spray shall not be used. (Rule 67.6.1)
8. Solvent agitation when necessary shall only be done using pump circulation, a mechanical mixer, or ultrasonic agitation. Air or gas bubble agitation shall not be used. (Rule 67.6.1)
9. The degreaser shall not be exposed to air currents or drafts greater than 131 feet (40 meters) per minute. (Rule 67.6.1)
10. The permittee shall minimize solvent carry-out from the degreaser by applying the following methods:
 - a. allowing full solvent drainage by placing parts on a rack or by other means,
 - b. tipping out any pools of solvent from cleaned parts before removal from the degreaser and,
 - c. allowing parts to dry within the degreaser until visually dry or dripping ceases. (Rule 67.6.1)
11. Waste solvent and any contaminated residue shall be recycled or disposed of according to requirements based on the California Health and Safety Code Division 20, Chapter 6.3 (beginning at section 25100) concerning hazardous waste disposal. (Rule 67.6.1)
12. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

13. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
14. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2008-PTO-985382


Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

REMOTE RESERVOIR CLEANER:
 MANUFACTURER: SYSTEM ONE
 MODEL: 571
 INTERNAL DIMENSIONS: 29.0" L X 39.0" W X 6.0" H
 SOLVENT(S): PD680

Functional Group: Aircraft Repairs/Overhaul.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [28F] Remote Reservoir Cleaners

BEC: APCD2026-CON-002328

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. The remote reservoir cleaner (degreaser) described above shall comply with all requirements of Rule 67.6.1. (Rule 67.6.1)
2. Permittee shall only use the non-HAP solvent listed in the equipment description of this permit. The material safety data sheet (MSDS) for the solvent used shall be maintained on site and available to the District upon request. (Rule 21 and 67.6.1 or 67.6.2, Subpart GG)
3. The remote reservoir cleaner (degreaser) described above shall be equipped with a cover that completely covers the sink or work area of the degreaser and a cover that completely covers the solvent container. These covers shall not be removed except when work or maintenance is being performed in the degreaser. (Rule 67.6.1)



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4. The sink or work area of the degreaser shall have a freeboard height of at least 6 inches (15 cm). Freeboard height is the distance from the bottom of the sink or work area to the top of the sink or work area. (Rule 67.6.1)
5. The sink or work area of the degreaser shall be sloped towards the drain such that no pooling of solvent occurs in the sink or work area. (Rule 67.6.1)
6. The degreaser shall not be used for soaking parts. The solvent return opening of the sink or work area of the degreaser shall not be plugged or blocked. (Rule 67.6.1)
7. A permanent, conspicuous, and legible label listing the applicable operating requirements for the degreaser shall be posted on or near the degreaser. (Rule 67.6.1)
8. There shall be no liquid leaks from any portion of the degreaser. If a liquid leak is detected, the leak shall be repaired immediately or the degreaser shall be shut down and drained of solvent in a manner that minimizes emissions. (Rule 67.6.1)
9. The permittee shall not clean any porous or absorbent materials, such as cloth, leather, wood, or rope in the degreaser. (Rule 67.6.1)
10. Solvent spraying, when necessary, shall only be done using a continuous liquid stream at a low enough pressure that does not cause liquid solvent to splash outside of the sink or work area. Fine, atomized, or shower type spray shall not be used. (Rule 67.6.1)
11. Solvent agitation when necessary shall only be done using pump circulation, a mechanical mixer, or ultrasonic agitation. Air or gas bubble agitation shall not be used. (Rule 67.6.1)
12. The degreaser shall not be exposed to air currents or drafts greater than 131 feet (40 meters) per minute. (Rule 67.6.1)
13. The permittee shall minimize solvent carry-out from the degreaser by applying the following methods:
 - a. allowing full solvent drainage by placing parts on a rack or by other means,
 - b. tipping out any pools of solvent from cleaned parts before removal from the degreaser and,
 - c. allowing parts to dry within the degreaser until visually dry or dripping ceases. (Rule 67.6.1)
14. Waste solvent and any contaminated residue shall be recycled or disposed of according to requirements based on the California Health and Safety Code Division 20, Chapter 6.3 (beginning at section 25100) concerning hazardous waste disposal. (Rule 67.6.1)
15. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

16. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
17. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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Site ID: APCD1978-SITE-02756
App ID: APCD2016-APP-004084

PERMIT ID

APCD2003-PTO-008201


Fleet Readiness Center Southwest / Co
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 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

TEST CELL 20 HIGH PERFORMANCE JET ENGINE WITH AFTBURNER: ACOUSTIC CONCRETE CELL, 5/1 AUGMENTATION AIRFLOW RATIO WITH PRIMARY AND SECONDARY AIR INTAKE STACKS, AND EXHAUST STACK; ENGINE TEST STAND, INSTRUMENTATION AND CONTROLS. BLDG 397

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [20B] Aircraft Engine Test Cell/Stand

BEC: 12449

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. All fuel combusted by engines in this test cell shall contain no more than 0.5 percent sulfur by weight. Records of the fuel sulfur content as shown in an SDS, fuel specification or similar document must be kept on site and made available to District personnel upon request. (Rules 53, 62)
2. Emissions of particulate matter from the exhaust stack of this equipment shall not exceed 0.10 grains per dry standard cubic foot (0.23 grams per dry standard cubic meter) of gas which is standardized to 12 percent of carbon dioxide (CO2) by volume. Periodic source testing is not required to demonstrate compliance with this emission limit unless requested by SDAPCD. (Rule 53)
3. Permittee shall maintain an operating log on site for the above test cell. [Rule 20.3]
4. Permittee shall record for each test run the date, engine type, quantity of fuel consumed and the total number of minutes operated. [Rule 20.3]
5. Permittee shall only test LM2500, F404, and TF-34 type engines in the above test cell. [Rule 20.3]



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Site ID: APCD1978-SITE-02756
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PERMIT ID

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6. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

7. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
8. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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Site ID: APCD1978-SITE-02756
App ID: APCD2016-APP-004084

PERMIT ID

APCD2003-PTO-030742


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EQUIPMENT ADDRESS

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PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

TEST CELL 19, HIGH PERFORMANCE JET ENGINE WITH AFTER BURNER: ACOUSTIC CONCRETE CELL, 5/1 AUGMENTATION AIRFLOW RATIO WITH PRIMARY AND SECONDARY AIR INTAKE STACKS, AND EXHAUST STACK; ENGINE TEST STAND, INSTRUMENTATION AND CONTROLS. (APP 30742 AS 6/89) BLDG. 397

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [20B] Aircraft Engine Test Cell/Stand

BEC: 12449

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. All fuel combusted by engines in this test cell shall contain no more than 0.5 percent sulfur by weight. Records of the fuel sulfur content as shown in an SDS, fuel specification or similar document must be kept on site and made available to District personnel upon request. (Rule 62)
2. Emissions of particulate matter from the exhaust stack of this equipment shall not exceed 0.10 grains per dry standard cubic foot (0.23 grams per dry standard cubic meter) of gas which is standardized to 12 percent of carbon dioxide (CO2) by volume. Periodic source testing is not required to demonstrate compliance with this emission limit unless requested by SDAPCD. (Rule 53)
3. Permittee shall maintain an operating log on site for the above test cell. [Rule 20.3]
4. Permittee shall record for each test run the date, engine type, quantity of fuel consumed and the total number of minutes operated. [Rule 20.3]
5. Permittee shall only test LM2500, F404, and TF-34 type engines in the above test cell. [Rule 20.3]



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PERMIT ID

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6. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

7. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
8. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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Site ID: APCD1978-SITE-02756
App ID: APCD2005-APP-983393

PERMIT ID

APCD2007-PTO-880835


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EQUIPMENT ADDRESS

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PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

A robotic metal spray / blasting operation consisting of an enclosed Progressive Coating Systems plasma arc and flame spray booth (8'L x 7'W x 10'H) in Building 472 with down draft floor ventilation directed to a dry HEPA filter control device with a minimum 99.97% removal efficiency for particles 0.3 microns in diameter. This operation may also include an abrasive blast cabinet with two (2) blast pots and an abrasive reclamation system consisting of a cyclone separator and dual screens vented to cartridge-type dust collectors. Additional miscellaneous and associated support equipment include grit conveyor controls, robotic grit blast controls, robotic thermal spray controls, Torit cartridge dust collector controls, powder feeders, and powder scales. (revised 9/2015 per APP 983393 D Byrnes)

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [37A] Spray Booths Application Station
 1 [02B] Abrasive Blasting Cabinet

BEC: APCD2015-CON-001083

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. This equipment shall comply with Rule 52. Compliance with conditions implementing CCR Title 17 Section 93101.5 described in this permit related to proper operation of the control equipment and indicated as federally enforceable shall be considered sufficient to ensure compliance with Rule 52.
2. All hexavalent chromium and nickel emissions from this thermal spray operation must be routed through the dedicated dry particulate control system. The ventilation ducting and the associated control devices must be properly maintained and kept in good operating condition at all times. There shall be no release of any particulate matter from any opening in the system other than the intended exhaust. (CCR Title 17 Sections 93101.5 (c)(1)(B)(1) and 93101.5(c)(2)(A)(2))



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PERMIT ID

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3. Material collected by the dry particulate control system must be discharged into closed containers that are completely sealed to prevent dust emissions. (CCR Title 17 Sections 93101.5(c)(1)(C)(2)(b) and 93101.5(c)(2)(A)(2))
4. The permittee shall install dry filters in this air pollution control system that have been certified by their manufacturer to meet a minimum control efficiency requirement of 99.97% @ 0.3 microns. (CCR Title 17 Section 93101.5(c)(2)(A)(2))
5. When thermal spraying is being performed, all air inlets and access openings must be covered to prevent the escape of dust or mist contaminants into areas outside the enclosure. This requirement does not apply to any designed or intended make-up air vents or openings. (CCR Title 17 Sections 93101.5(c)(1)(B)(3) and 93101.5(c)(2)(A)(2))
8. The dry particulate control system must be equipped with gauges that continuously monitor the pressure drop across each control device when thermal spraying is occurring. Each gauge must have a high and low setting for the pressure drop (cartridge filters; 0.2 to 8.0 inches of water, HEPA filter; 0.2 - 3.0 inches of water) and must trigger an alarm system when the high or low set points are exceeded. Each gauge must be designed to accurately measure pressure drops within the expected range and have an accuracy of at least + 5% of full scale. Each gauge must be located so that it can be easily visible and in clear site of the operation or maintenance personnel. The pressure drop must be maintained per manufacturer's specifications. If the pressure drop is outside of the acceptable limits, the owner or operator must shut down the thermal spraying operation immediately and take corrective action. Thermal spraying must not be resumed until the pressure drop is within the specified limits. (CCR Title 17 Section 93101.5(e)(2))
9. The permittee shall keep a copy of the manufacturer's instructions and specifications for the operation and maintenance of this dry particulate control system on site. This document shall be made available to District personnel upon request. (CCR Title 17 Section 93101.5(e)(2))
10. The permittee must record the pressure drop for each gauge at least once per week while conducting thermal spraying. Additionally, the owner or operator must maintain records of this monitoring data that include the date and time data are collected, and the applicable pressure drop limits. (CCR Title 17 Sections 93101.5(e)(1) and 93101.5(f)(1))
11. All pressure drop monitoring records, visual inspection records, maintenance records, material usage records, source test reports, and equipment malfunction or failure records must be readily accessible for inspection and review at the thermal spraying operation for at least five years. (CCR Title 17 Section 93101.5(f)(6))
14. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

6. Before the enclosure is opened, thermal spraying must cease and the exhaust system must be run for a sufficient period of time to remove contaminated air within the enclosure. A minimum of three air exchanges must be exhausted from the booth after thermal spraying ceases. For the purposes of thermal spraying equipment calibration or research and development activities, the operator may open the enclosure door during thermal spraying operations provided the enclosure is under negative pressure as demonstrated with CCR Title 17 Subsection 93101.5(d)(1)(C) and provided the owner or operator has verified the average inward face velocity of air through the enclosure is at least 100 feet per minute while the door is open, in accordance with CCR Title 17 Subsection 93101.5 Appendix 2. (CCR Title 17 Sections 93101.5 (c)(1)(B)(4) and 93101.5 (c)(2)(A)(2))
7. The permittee shall maintain records of the date, name, and quantities of material sprayed in this booth for each thermal spray coating that contains chromium, chromium compounds, nickel, or nickel compounds. (CCR Title 17 Section 93101.5(f)(3))



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PERMIT ID

APCD2007-PTO-880835



12. The permittee must conduct a visual inspection of this equipment at least once every 90 days to ensure that no leaks are present in the control devices or ventilation system. At a minimum, this inspection must include the items identified on the checklist specified in California Code of Regulations, Title 17, Section 93101.5, Appendix 3. In addition to the items on this checklist, thermal spraying operations (owners or operators) must maintain the dry particulate filter system in accordance with manufacturer's recommendations. Inspection and maintenance records must identify the name of the device inspected, the date and time of inspection, a brief description of the working condition of the device, a description of all maintenance activities performed on the air pollution control system, a description of actions taken to correct deficiencies, and the name of the person that conducted the inspection. (CCR Title 17 Sections 93101.5(e)(4) and 93101.5(f)(2))
13. The permittee must maintain records of the occurrence, duration, cause (if known), and action taken for each equipment malfunction and/or failure that cause or may cause uncontrolled emissions to be released. The permittee shall notify the air pollution control officer in accordance with the breakdown procedures specified in District Rule 98. (CCR Title 17 Sections 93101.5(f)(5) and 93101.5(g)(4))
15. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
16. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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Site ID: APCD1978-SITE-02756
App ID: APCD2006-APP-984484

PERMIT ID

APCD2008-PTO-890259


Fleet Readiness Center Southwest / Co
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 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

ONE (1) PLASMA ARC/FLAME SPRAY BOOTH NO.1: 12'L X 12'W X 8'H CUSTOM-MADE BY PROGRESSIVE BLASTING SYSTEMS WITH BINKS ENVIROTECT WATER WASH CONVEYOR BOOTH MODEL NO. CET7-12-8-T, 20 HP FAN MOTOR. (980141 ALC 03/05)

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [37A] Spray Booths Application Station

BEC: 13047

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. This equipment shall comply with Rule 52. Compliance with conditions implementing CCR Title 17 Section 93101.5 described in this permit related to proper operation of the control equipment and indicated as federally enforceable shall be considered sufficient to ensure compliance with Rule 52.
2. Air pollution control equipment shall be maintained in good operating condition and shall be in full operation in accordance with manufacturer's instructions at all times when the process equipment is in operation. [Rule 20.3]
3. Only one spray gun at a time shall be used in the booth. [Rule 20.3]
4. The spray gun shall only be used in the booth and shall only be used when the Emission Control System is in operation. [Rule 20.3]
5. Current Material Safety Data Sheets (MSDS) or manufacturer's specifications regarding the material composition and their weight percentages shall be maintained on site and made readily available to the District upon request for all materials used in the metal deposition operations in spray booth equipment operated under Air Pollution Control District (APCD) Permit to Operate Nos. 890259 and 890260. [Rule 20.3]



COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
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Site ID: APCD1978-SITE-02756
App ID: APCD2006-APP-984484

PERMIT ID

APCD2008-PTO-890259



6. For each of the above spray booths date and time of operation, records of the type of spray gun, the type and amount of coating material used (lbs/hr, lbs/day, lbs/yr) shall be maintained and made available to the District upon request. [Rule 20.3]
9. The Air Pollution Control System for this Thermal Spraying Equipment shall achieve a minimum particulate control efficiency of 90%. (CCR Title 17 Section 93101.5(C)(1)(E)(1))
13. The Permittee shall install a water flow meter that continuously monitors the water flow rate during Thermal Spraying to ensure the water flow meets or exceeds 20 gallons per minute. If the water curtain fails this flow Requirement, the Permittee must immediately shut down the Thermal Spraying Equipment to take corrective action. (CCR Title 17 Section 93101.5(E)(3))
14. All annual emission estimates, water flow rate records, visual inspection records, maintenance records, material usage records, Source Test reports, and equipment malfunction or failure records must be readily accessible for inspection and review at the Thermal Spraying Operation for at least five years. (CCR Title 17 Section 93101.5(F)(6))
17. The Permittee shall record water flow rate and water curtain continuity once per week while conducting thermal spraying. (CCR Title 17 Section 93101.5(e)(1))
18. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

7. Permittee shall not emit more than 0.10 lb/hr lbs of Nickel in any one hour from all Thermal Spray Equipment on site. This is equivalent to a total spray rate of not more than 2.16 lbs of Nickel per hour in a booth controlled with a water curtain. (District Rule 1200)
8. Permittee shall not emit more than 0.5 lbs of Hexavalent Chromium per year from all Thermal Spray Equipment on site. This is equivalent to a total spray rate of not more than 74.3 lbs of Chromium per year in a booth controlled with a water curtain. (CCR Title 17 Section 93101.5(C)(1)(E)(1))
10. Permittee shall submit an annual report to the District by March 1st of each calendar year that quantifies emissions of Hexavalent Chromium and Nickel from all Thermal Spraying Operations during the previous calendar year. Submittal of an annual emissions inventory report that includes this alternative schedule specified by the District shall constitute compliance with this Requirement. (CCR Title 17 Sections 93101.5(G)(2) and 93101.5(G)(6))
11. The Permittee shall maintain records of the date, name, and quantities of material sprayed in this booth for each Thermal Spray coating that contains Chromium, Chromium compounds, Nickel, or Nickel compounds. (CCR Title 17 Section 93101.5(F)(3))
12. The Permittee must visually monitor the water curtain during Thermal Spraying to ensure a continuous sheet of water is provided down the rear wall of the booth without any gaps or dry spots. If the water curtain fails this continuity Requirement, the Permittee must immediately shut down the Thermal Spraying Equipment to take corrective action. (CCR Title 17 Section 93101.5(E)(3))
15. The Permittee must conduct a visual inspection of this equipment at least once every 90 days to ensure that no leaks are present in the control devices or ventilation system. At a minimum, this inspection must include the items identified on the checklist specified in California Code of Regulations, Title 17 Section 93101.5 Appendix 3. In addition to the items on this checklist, the Permittee must record the water flow rate and the water curtain continuity once per week while conducting Thermal Spraying. Inspection and maintenance records must identify the name of the device inspected, the date and time of inspection, a brief description of the working condition of the device, a description of all maintenance activities performed on the Air Pollution Control System, a description of actions taken to correct deficiencies, and the name of the person that conducted the inspection. (CCR Title 17 Sections 93101.5(E)(4) and 93101.5(F)(2))
16. The Permittee must maintain records of the occurrence, duration, cause (if known), and action taken for each equipment malfunction and/or failure that cause or may cause uncontrolled emissions to be released. The Permittee shall notify the Air Pollution Control Officer in accordance with the breakdown procedures specified in District Rule 98. (CCR Title 17 Sections 93101.5(F)(5) and 93101.5(G)(4))



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19. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
20. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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PERMIT ID

APCD2008-PTO-890260

Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

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The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

ONE(1) PLASMA ARC/FLAME SPRAY BOOTH NO.2: 12'L X 12'W X 8'H CUSTOM-MADE BY PROGRESSIVE BLASTING SYSTEMS WITH BINKS ENVIROTECT WATER WASH CONVEYOR BOOTH MODEL NO. CET7-12-8-T, 20HP FAN MOTOR. (980141 ALC 03/05)

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [37A] Spray Booths Application Station

BEC: 13047

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. This equipment shall comply with Rule 52. Compliance with conditions implementing CCR Title 17 Section 93101.5 described in this permit related to proper operation of the control equipment and indicated as federally enforceable shall be considered sufficient to ensure compliance with Rule 52.
2. Air pollution control equipment shall be maintained in good operating condition and shall be in full operation in accordance with manufacturer's instructions at all times when the process equipment is in operation. [Rule 20.3]
3. Only one spray gun at a time shall be used in the booth. [Rule 20.3]
4. The spray gun shall only be used in the booth and shall only be used when the Emission Control System is in operation. [Rule 20.3]
5. Current Material Safety Data Sheets (MSDS) or manufacturer's specifications regarding the material composition and their weight percentages shall be maintained on site and made readily available to the District upon request for all materials used in the metal deposition operations in spray booth equipment operated under Air Pollution Control District (APCD) Permit to Operate Nos. 890259 and 890260. [Rule 20.3]



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- 6. For each of the above spray booths date and time of operation, records of the type of spray gun, the type and amount of coating material used (lbs/hr, lbs/day, lbs/yr) shall be maintained and made available to the District upon request. [Rule 20.3]
- 9. The Air Pollution Control System for this Thermal Spraying Equipment shall achieve a minimum particulate control efficiency of 90%.
(Rule 52, CCR Title 17 Section 93101.5(C)(1)(E)(1))
- 18. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

- 7. Permittee shall not emit more than 0.10 lb/hr lbs of Nickel in any one hour from all Thermal Spray Equipment on site. This is equivalent to a total spray rate of not more than 2.16 lbs of Nickel per hour in a booth controlled with a water curtain.
(District Rule 1200)
- 8. Permittee shall not emit more than 0.5 lbs of Hexavalent Chromium per year from all Thermal Spray Equipment on site. This is equivalent to a total spray rate of not more than 74.3 lbs of Chromium per year in a booth controlled with a water curtain.
(CCR Title 17 Section 93101.5(C)(1)(E)(1))
- 10. Permittee shall submit an annual report to the District by March 1st of each calendar year that quantifies emissions of Hexavalent Chromium and Nickel from all Thermal Spraying Operations during the previous calendar year. Submittal of an annual emissions inventory report that includes this alternative schedule specified by the District shall constitute compliance with this Requirement.
(CCR Title 17 Sections 93101.5(G)(2) and 93101.5(G)(6))
- 11. The Permittee shall maintain records of the date, name, and quantities of material sprayed in this booth for each Thermal Spray coating that contains Chromium, Chromium compounds, Nickel, or Nickel compounds.
(CCR Title 17 Section 93101.5(F)(3))
- 12. The Permittee must visually monitor the water curtain during Thermal Spraying to ensure a continuous sheet of water is provided down the rear wall of the booth without any gaps or dry spots. If the water curtain fails this continuity Requirement, the Permittee must immediately shut down the Thermal Spraying Equipment to take corrective action.
(CCR Title 17 Section 93101.5(E)(3))
- 13. The Permittee shall install a water flow meter that continuously monitors the water flow rate during Thermal Spraying to ensure the water flow meets or exceeds 20 gallons per minute. If the water curtain fails this flow Requirement, the Permittee must immediately shut down the Thermal Spraying Equipment to take corrective action.
(CCR Title 17 Section 93101.5(E)(3))
- 14. All annual emission estimates, water flow rate records, visual inspection records, maintenance records, material usage records, Source Test reports, and equipment malfunction or failure records must be readily accessible for inspection and review at the Thermal Spraying Operation for at least five years.
(CCR Title 17 Section 93101.5(F)(6))
- 15. The Permittee must conduct a visual inspection of this equipment at least once every 90 days to ensure that no leaks are present in the control devices or ventilation system. At a minimum, this inspection must include the items identified on the checklist specified in California Code of Regulations, Title 17 Section 93101.5 Appendix 3. In addition to the items on this checklist, the Permittee must record the water flow rate and the water curtain continuity once per week while conducting Thermal Spraying. Inspection and maintenance records must identify the name of the device inspected, the date and time of inspection, a brief description of the working condition of the device, a description of all maintenance activities performed on the Air Pollution Control System, a description of actions taken to correct deficiencies, and the name of the person that conducted the inspection.
(CCR Title 17 Sections 93101.5(E)(4) and 93101.5(F)(2))



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PERMIT ID

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16. The Permittee must maintain records of the occurrence, duration, cause (if known), and action taken for each equipment malfunction and/or failure that cause or may cause uncontrolled emissions to be released. The Permittee shall notify the Air Pollution Control Officer in accordance with the breakdown procedures specified in District Rule 98. (CCR Title 17 Sections 93101.5(F)(5) and 93101.5(G)(4))
17. The Permittee shall record water flow rate and water curtain continuity once per week while conducting thermal spraying. (CCR Title 17 Section 93101.5(e)(1))
19. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
20. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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Site ID: APCD1978-SITE-02756
App ID: APCD2013-APP-003112

PERMIT ID

APCD2016-PTO-002579


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EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
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 San Diego CA 92135-7058

PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Abrasive Blast Machine: Blastpro BP-16-360, Model No. 1665, 100 lbs/hr capacity, S/N 6066; vented to a dust collector, 2600 cfm capacity.

Functional Group: Aircraft Repairs/Overhaul.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [01A] Abrasive Blasting Pot

BEC: APCD2016-CON-001181

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Emissions of particulate matter from the exhaust stack of the equipment shall not exceed 0.10 grain per dry standard cubic foot (0.23 grams per dry standard cubic meter) of gas. Compliance with all other conditions of this permit shall establish compliance with this requirement, unless other data such as source testing results indicates an exceedance. Periodic source testing is not required to determine compliance with this limit, unless requested in writing by the District based on information indicating that emissions are in excess of this limit. (Rule 52(d))
2. All process equipment shall be maintained and operated so that there is no leakage of air contaminants to the atmosphere prior to their treatment in the air pollution control system. (Rule 52(d))
3. The air pollution control device shall be in full operation whenever the abrasive blasting equipment is being operated. (Rule 52(d))
4. At the start of each job, the dust collector shall be empty and the filters clean and clear of debris. Also at the start of each job, the filters shall be inspected for any holes or other damage and any damaged filters shall be replaced as needed. (Rule 52)



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Site ID: APCD1978-SITE-02756
App ID: APCD2013-APP-003112

PERMIT ID

APCD2016-PTO-002579



6. Permittee shall visually inspect the baghouse filter system annually to verify that the baghouse is in good working order. (Rule 52(d))
7. Except for non-repeatable momentary readings, visible emissions from the process equipment shall not exceed twenty percent (20%) opacity at any time. (Rule 50, 52)
10. All inspections, repairs, malfunctions and breakdowns shall be recorded and such records shall be maintained on-site for the above equipment. (Rule 1421)
11. No later than one year from the date of issuance of the Title V renewal permit pursuant to application APCD2016-APP-004084, the owner or operator shall install a continuous differential pressure gauge across the filter system described in the equipment description of this permit. (Rule 52(d))
12. Upon installation of the differential pressure gauge required by this permit, the owner or operator shall establish minimum and maximum values for the filters based on the manufacturer's recommendations and/or other technical considerations. These limits shall be reported to District personnel and noted in writing in a log book or similar location. Once these limits have been established, the owner or operator shall maintain the filter system within the prescribed operating ranges at all times the equipment is in operation. (Rule 52(d))
13. Upon installation of the differential pressure gauge and establishment of differential pressure operating ranges under this permit, the owner or operator shall record the differential pressure at least once every day of operation. These logs may be in paper form or electronic, and may be automated by a data collection system or similar. (Rule 52(d))
14. A differential pressure gauge shall be installed across the filter cartridges which is maintained operational at all times when the equipment is in operation. The gauge reading shall be noted in a log book during each day of equipment use. If the pressure drop falls outside of the range specified in this permit, permittee shall shut down the operation immediately upon discovery and take corrective action. Explanation of the cause of pressure falling outside the range, and all corrective actions shall be noted in the log book on the day of the activity. (Rule 52)
15. This equipment shall not be used for aerospace depainting operations, except those which are exempt from the requirements of 40 CFR 63.746(b)(4).
16. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

5. The removal and cleaning of the filters and disposal of dust shall be performed in a careful manner to minimize dust emissions to the atmosphere. (Rule 1200)
8. Abrasive shall only be steel shot or steel grit. (Rule 1200)
9. This equipment shall not be used to blast Asbestos containing materials or painted surfaces containing Lead, Chromium, Nickel, and Copper. (Rule 1200)
17. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
18. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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Site ID: APCD1978-SITE-02756
App ID: APCD2007-APP-985163

PERMIT ID

APCD2016-PTO-002593


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 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
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PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Blast Hangar Description:

Plastic Media Blast (PMB) aircraft hangar measuring 90' x 56' X 25' with blast bay air inlet filters

Blast Equipment:

Envirosystem stripmaster series 400 PC, for four operators (including media storage hopper, four pressure vessel assemblies, four blast hoses and four nozzles)

Media Recovery:

Two in floor trenches each 60' long 17" wide, pneumatic conveying system, pneumatic conveying system recovery storage hopper, high density particle separation (HDPS) system with cyclone separation, rotary airlock, ionizer, screen classifiers and three waste drums with enclosed transfer ducts and with (3) dust collectors (DPS1, DPS2, & DPS3) 180 cartridge(airwall) filters, containing Farr Tenkay Mark III (80/20) or equivalent cartridge filters 99.99% efficient at 0.5 micron, Envirosystem AWC-3 or equivalent, each 18.9" x 9' x 4' feeding a common plenum and parallel exhausting through two VFD roof top fans of 50,000 cfm each.

Functional Group: Aircraft Repairs/Overhaul.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [02A] Abrasive Blasting Cabinet/Room

BEC: APCD2016-CON-001171

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A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Emissions of particulate matter from the exhaust stack of the equipment shall not exceed 0.10 grain per dry standard cubic foot (0.23 grams per dry standard cubic meter) of gas. Compliance with all other conditions of this permit shall establish compliance with this requirement, unless other data such as source testing results indicates an exceedance. Periodic source testing is not required to determine compliance with this limit, unless requested in writing by the District based on information indicating that emissions are in excess of this limit. (Rule 52(d))
2. Air pollution control equipment shall be maintained in good operating condition in accordance with manufacturer's instructions or a site specific operations and maintenance (O&M) plan. All applicable control equipment shall be in full operation at all times when the process equipment is in operation. Manufacturer's instructions and specifications or a site specific O&M pertaining to the operation and maintenance of this equipment shall be maintained on site and made available to District personnel upon request. [Rule 52]
3. All process and storage equipment with air pollution control equipment shall be maintained and operated so that there is no leakage (0% opacity during operation and free of accumulated dust when not in operation) of air contaminants to the atmosphere prior to their treatment in the air pollution control system. [Rule 52]
4. Only Farr Ten-Kay, Clark ProTura or equivalent filters as determined by the manufacturer shall be used in the air wall, bin vent and HDPS dust collectors. The owner or operator must obtain written approval from the District prior to using any filters other than Farr Ten-Kay or Clark ProTura. The owner or operator must maintain manufacturer records demonstrating the equivalency of any other filters used in this equipment. The records for a given filter type shall be maintained on site for at least as long as that filter type is in use. [Rules 10 and 52]
5. Dust shall be removed from blasted objects prior to removing them from the blast room. [Rule 52]
6. Blast room ventilation and filter system shall remain in operation at least 5 minutes after blasting operations have ceased to clear the blast room air prior to opening the blast room doors. [Rule 21]
7. The air wall dust collector shall be equipped with a differential pressure gauge which is maintained operational at all times when the equipment is in operation. The gauge reading shall be noted in a log book during each shift of equipment use. Explanation of the cause of pressure falling outside the range, and all corrective actions shall be noted in the log book on the day of the activity. (Rule 52, 40 CFR 63.751(d))
8. The differential pressure reading across the airwall shall be between 0.5 and 3.5 inches of water when blasting objects in this blast room. (Rule 52)
9. If the pressure drop is outside the limit(s) specified in this permit, the equipment shall be shut down immediately and corrective action taken. The operation shall not be resumed until the pressure drop is returned to the specified limit. This requirement does not apply to the depainting of radomes and parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which are subject to these requirements. (40 CFR 63.746(b)(4)(v))
10. Only plastic abrasive blast media shall be used with this equipment. [Rules 10 and 52]
11. Vacuuming and sweeping for housekeeping purposes shall only be performed with the air pollution control system operating and the blast room doors closed. [Rule 52]
12. The dry particulate control system for this equipment shall be certified by the filter manufacturer, distributor, booth supplier and/or facility owner or operator to meet a minimum filtration efficiency no less than described in Tables 4 and 5 of 40 CFR 63.745. The certification shall be based on particulate control efficiency test data established using a test method which meets the requirements of Method 319 in Appendix A of 40 CFR 63 for any specific filter used in the equipment. The owner or operator shall maintain a record of manufacturer specifications or similar document which states the particulate control efficiency for all filters used in the particulate control system which are used as part of meeting this requirement, and shall make these specifications and any other information used to certify the control system available to District personnel upon request. This requirement does not apply during the depainting of radomes and parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which are subject to these requirements. (40 CFR 63.746(b)(4)(ii)(B))



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APCD2016-PTO-002593


13. For each period of malfunction of this equipment, the owner or operator shall maintain the following records: (a) the method that malfunctioned; (b) date of malfunction; (c) description of malfunction; (d) method used for depainting of aircraft during malfunction; (e) dates that alternative depainting operations started and ended; (f) date malfunction was corrected. This requirement does not apply to malfunctions which occur during the depainting of parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which are subject to these requirements.(40 CFR 63.752(e))
 14. The owner or operator shall submit semi-annual reports in accordance with 40 CFR 63.753(d). These reports shall include:
 - (a) Any instance the owner or operator fails to comply with an applicable standard;
 - (b) All records specified in this permit related to a malfunction of a depainting operation during the reporting period;
 - (c) All periods where the dust control differential pressure was outside the limit(s) specified by the filter or booth manufacturer or in locally prepared operational procedures and the equipment was not shut down;
 - (d) A list of new and discontinued aircraft models depainted at the facility over the last 6 months and a list of the parts normally removed for depainting for each new aircraft model being depainted;
 - (e) If the depainting operation has been in compliance for the semiannual period, a statement signed by the responsible official that the operation was in compliance with the applicable standards.
 Reports are not required to include the information above for operations only involving the depainting of parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which must be included in these reports.
 15. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]
- B. DISTRICT-ONLY ENFORCEABLE CONDITIONS**
16. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
 17. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD2023-APP-007412

PERMIT ID

APCD2024-PTO-004899


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EQUIPMENT ADDRESS

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PERMIT TO OPERATE

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Site ID: APCD1978-SITE-02756
App ID: APCD2023-APP-007412

PERMIT ID

APCD2024-PTO-004899


EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, Bldg 334M, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Abrasive blasting operation consisting of one (1) blast cells inside of which are four (4) blast pots, each sealed to the upper media storage hopper and a pneumatic media reclaim and processing system. All equipment related to the storage, processing, and transfer of blasting media will be sealed, and all equipment related to the blasting system or material recovery process is located inside of the blast cell.

Pneumatic media reclaim and processing system will hold approx. 22,000 pounds of acrylic plastic blasting material using 80 55-gallon drums.

Abrasive Blasting Pots:

Abrasive Material Pressure Tank Manufacturer: La Grange, 0.3 ton capacity per blast pot (1.2 ton total) Model 2450-298;
 Compressor Manufacturer: Sullair 1,330 ft3/min capacity, powered by 75 BHP Hitachi TEFC engine (electric); Two (2)
 Envirosystems Airwall Unit AWC3 Modified S/N 220014, 220015 with 90 filters per airwall, with nominal operating range 2.5-3.0 in. WC.

Bulk Abrasive Storage System:

Hopper Manufacturer Model Envirosystems SMS400, S/N 22000407, 6.8 ton capacity, L×W×H = 10'×8.3'×20', cartridge filters with 1,800 ft3/min flowrate, 1,320 ft2 filter surface area.

Spent Abrasive Handling/Recycling System:

Floor recovery, screen classifier, Manufacturer: Envirosystems, Model SMS400 HDPS. Abrasive collection tank 6 ft3 separator 2ft diam., length = 3.5 ft.

Abrasive Blast Room:

Filter Manufacturer: Environmental Filter Model No. 60-01-05, 60-01-06, polycell, Nano filter cartridges, 180 cartridges total (90 per airwall), each cartridge 26" long, 12.75" wide, with dust collection efficiency 99.8% for 0.5 micron size particulate, reverse pulse filter cleaning, typical gauge reading 3 in. WC, vent duct 22' long 60" diameter.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [02B] Abrasive Blasting Cabinet

BEC: APCD2024-CON-002107

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Emissions of particulate matter from the exhaust stack of the equipment shall not exceed 0.10 grain per dry standard cubic foot (0.23 grams per dry standard cubic meter) of gas. Compliance with all other conditions of this permit shall establish compliance with this requirement, unless other data such as source testing results indicates an exceedance. Periodic source testing is not required to determine compliance with this limit, unless requested in writing by the District based on information indicating that emissions are in excess of this limit. (Rule 52(d))



COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
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2. Air pollution control equipment shall be maintained in good operating condition in accordance with manufacturer's instructions or a site specific operations and maintenance (O&M) plan. All applicable control equipment shall be in full operation at all times when the process equipment is in operation. Manufacturer's instructions and specifications or a site specific O&M pertaining to the operation and maintenance of this equipment shall be maintained on site and made available to District personnel upon request. [Rule 52]
3. All process and storage equipment with air pollution control equipment shall be maintained and operated so that there is no leakage (0% opacity during operation and free of accumulated dust when not in operation) of air contaminants to the atmosphere prior to their treatment in the air pollution control system. [Rule 52]
4. Only Environmental Filters or filters with a manufacturer stated particulate matter capture efficiency of 99.8% or greater @ 0.5 microns shall be used. (40 CFR Subpart GG, 52)
5. Dust shall be removed from blasted objects prior to removing them from the blast room. [Rule 52]
6. Blast room ventilation and filter system shall remain in operation at least 5 minutes after blasting operations have ceased to clear the blast room air prior to opening the blast room doors. [Rule 21]
7. The air wall dust collector shall be equipped with a differential pressure gauge which is maintained operational at all times when the equipment is in operation. The gauge reading shall be noted in a log book during each shift of equipment use. Explanation of the cause of pressure falling outside the range, and all corrective actions shall be noted in the log book on the day of the activity. (Rule 52, 40 CFR 63.751(d))
8. The differential pressure reading across the airwall shall be between 0.5 and 3.5 inches of water when blasting objects in this blast room. (Rule 52)
9. If the pressure drop is outside the limit(s) specified in this permit, the equipment shall be shut down immediately and corrective action taken. The operation shall not be resumed until the pressure drop is returned to the specified limit. This requirement does not apply to the depainting of radomes and parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which are subject to these requirements. (40 CFR 63.746(b)(4)(v))
10. Only plastic abrasive blast media shall be used with this equipment. [Rules 10 and 52]
11. Vacuuming and sweeping for housekeeping purposes shall only be performed with the air pollution control system operating and the blast room doors closed. [Rule 52]
12. The HDPS overflow bin shall be evacuated at the end of each shift if any material has accumulated in it. [Rule 52]
13. The owner or operator shall record dates and results of filter system testing and maintenance activities required by this permit. Such records shall be maintained on site for a period of no less than five years and be made available to the District upon request. [Rule 52]
14. The dry particulate control system for this equipment shall be certified by the filter manufacturer, distributor, booth supplier and/or facility owner or operator to meet a minimum filtration efficiency no less than described in Tables 4 and 5 of 40 CFR 63.745. The certification shall be based on particulate control efficiency test data established using a test method which meets the requirements of Method 319 in Appendix A of 40 CFR 63 for any specific filter used in the equipment. The owner or operator shall maintain a record of manufacturer specifications or similar document which states the particulate control efficiency for all filters used in the particulate control system which are used as part of meeting this requirement, and shall make these specifications and any other information used to certify the control system available to District personnel upon request. This requirement does not apply during the depainting of radomes and parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which are subject to these requirements. (40 CFR 63.746(b)(4)(ii)(B))



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PERMIT ID

APCD2024-PTO-004899


15. For each period of malfunction of this equipment, the owner or operator shall maintain the following records: (a) the method that malfunctioned; (b) date of malfunction; (c) description of malfunction; (d) method used for repainting of aircraft during malfunction; (e) dates that alternative repainting operations started and ended; (f) date malfunction was corrected. This requirement does not apply to malfunctions which occur during the repainting of parts or units normally removed from the aerospace vehicle for repainting, except for repainting of wings and stabilizers which are subject to these requirements.(40 CFR 63.752(e))
16. The owner or operator shall submit semi-annual reports in accordance with 40 CFR 63.753(d). These reports shall include:
 - (a) Any instance the owner or operator fails to comply with an applicable standard;
 - (b) All records specified in this permit related to a malfunction of a repainting operation during the reporting period;
 - (c) All periods where the dust control differential pressure was outside the limit(s) specified by the filter or booth manufacturer or in locally prepared operational procedures and the equipment was not shut down;
 - (d) A list of new and discontinued aircraft models repainted at the facility over the last 6 months and a list of the parts normally removed for repainting for each new aircraft model being repainted;
 - (e) If the repainting operation has been in compliance for the semiannual period, a statement signed by the responsible official that the operation was in compliance with the applicable standards.
 Reports are not required to include the information above for operations only involving the repainting of parts or units normally removed from the aerospace vehicle for repainting, except for repainting of wings and stabilizers which must be included in these reports.
17. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

18. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
19. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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Site ID: APCD1978-SITE-02756
App ID: APCD2020-APP-006229

PERMIT ID

APCD2007-PTO-004966


Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

ABRASIVE BLAST BOOTH (4500 CU FT):
 ENVIROSYSTEMS, MODEL LAB 200, 19.5' X 14.5' X 14.5';
 ONE NOZZLE, 450-LB POT;
 6-COMPARTMENT BAGHOUSE IN SHED 458 (980141 ALC Mar 2005)

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [02B] Abrasive Blasting Cabinet
 BEC: 13099

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Emissions of particulate matter from the exhaust stack of the equipment shall not exceed 0.10 grain per dry standard cubic foot (0.23 grams per dry standard cubic meter) of gas. Compliance with all other conditions of this permit shall establish compliance with this requirement, unless other data such as source testing results indicates an exceedance. Periodic source testing is not required to determine compliance with this limit, unless requested in writing by the District based on information indicating that emissions are in excess of this limit. (Rule 52(d))
2. All process equipment shall be maintained and operated so that there is no leakage of air contaminants to the atmosphere prior to their treatment in the air pollution control system. (Rule 52(d))
3. The air pollution control device shall be in full operation whenever the abrasive blasting equipment is being operated. (Rule 52(d))
4. Permittee shall visually inspect the baghouse filter system annually to verify that the baghouse is in good working order. (Rule 52(d))



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5. All inspections, repairs, malfunctions and breakdowns shall be recorded and such records shall be maintained on-site for the above equipment. (Rule 1421)
6. No later than one year from the date of issuance of the Title V renewal permit pursuant to application APCD2016-APP-004084, the owner or operator shall install a continuous differential pressure gauge across the filter system described in the equipment description of this permit. (Rule 52(d))
7. Upon installation of the differential pressure gauge required by this permit, the owner or operator shall establish minimum and maximum values for the filters based on the manufacturer's recommendations and/or other technical considerations. These limits shall be reported to District personnel and noted in writing in a log book or similar location. Once these limits have been established, the owner or operator shall maintain the filter system within the prescribed operating ranges at all times the equipment is in operation. (Rule 52(d))
8. Upon installation of the differential pressure gauge and establishment of differential pressure operating ranges under this permit, the owner or operator shall record the differential pressure at least once every day of operation. These logs may be in paper form or electronic, and may be automated by a data collection system or similar. (Rule 52(d))
9. A differential pressure gauge shall be installed across the filter cartridges which is maintained operational at all times when the equipment is in operation. The gauge reading shall be noted in a log book during each day of equipment use. If the pressure drop falls outside of the range specified in this permit, permittee shall shut down the operation immediately upon discovery and take corrective action. Explanation of the cause of pressure falling outside the range, and all corrective actions shall be noted in the log book on the day of the activity. (Rule 52, 40 CFR 63.751(d))
10. For each period of malfunction of this equipment, the owner or operator shall maintain the following records: (a) the method that malfunctioned; (b) date of malfunction; (c) description of malfunction; (d) method used for depainting of aircraft during malfunction; (e) dates that alternative depainting operations started and ended; (f) date malfunction was corrected. This requirement does not apply to malfunctions which occur during the depainting of parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which are subject to these requirements.(40 CFR 63.752(e))
11. The owner or operator shall submit semi-annual reports in accordance with 40 CFR 63.753(d). These reports shall include:
 - (a) Any instance the owner or operator fails to comply with an applicable standard;
 - (b) All records specified in this permit related to a malfunction of a depainting operation during the reporting period;
 - (c) All periods where the dust control differential pressure was outside the limit(s) specified by the filter or booth manufacturer or in locally prepared operational procedures and the equipment was not shut down;
 - (d) A list of new and discontinued aircraft models depainted at the facility over the last 6 months and a list of the parts normally removed for depainting for each new aircraft model being depainted;
 - (e) If the depainting operation has been in compliance for the semiannual period, a statement signed by the responsible official that the operation was in compliance with the applicable standards.Reports are not required to include the information above for operations only involving the depainting of parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which must be included in these reports.
12. If the pressure drop is outside the limit(s) specified in this permit, the equipment shall be shut down immediately and corrective action taken. The operation shall not be resumed until the pressure drop is returned to the specified limit. This requirement does not apply to the depainting of radomes and parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which are subject to these requirements. (40 CFR 63.746(b)(4)(v))



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13. The dry particulate control system for this equipment shall be certified by the filter manufacturer, distributor, booth supplier and/or facility owner or operator to meet a minimum filtration efficiency no less than described in Tables 4 and 5 of 40 CFR 63.745. The certification shall be based on particulate control efficiency test data established using a test method which meets the requirements of Method 319 in Appendix A of 40 CFR 63 for any specific filter used in the equipment. The owner or operator shall maintain a record of manufacturer specifications or similar document which states the particulate control efficiency for all filters used in the particulate control system which are used as part of meeting this requirement, and shall make these specifications and any other information used to certify the control system available to District personnel upon request. This requirement does not apply during the depainting of radomes and parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which are subject to these requirements. (40 CFR 63.746(b)(4)(ii)(B))
14. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

15. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
16. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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Site ID: APCD1978-SITE-02756
App ID: APCD2020-APP-006379

PERMIT ID

APCD2007-PTO-005808


Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
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EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

One abrasive blast booth in building 472:
 One (1) Abrasive blast booth: 18'L x 9'W x 10'H, SN: 2400124, with one (1) blast nozzle at ½" diameter, blast medium: aluminum oxide, glass bead, 150 grit size, Mil-Spec PRF-9945D No. 11.
 One (1) Media storage with reclaim hopper – Series 100: 16'L x 9'W x 4.5'D, pneumatic recovery system with inground hopper leading to cyclone separator, one (1) 3 hp blower, one (1) 54 cft hopper, hopper filter with 480 sq.ft filter area, floor construction with eight (8) hopper rows each 18ft in length.
 One (1) Dust collection system: Airwall MD 100, 8'H x 7'W x 4'D, one (1) blower at 10,000 cfm, total fifteen (15) cartridge filters of 3,375 sq.ft filter area (share with three abrasive blast booths as per PTO-005808, 005809 and 05810), filter efficiency at 99.97% for 0.3 micron particles.
 Functional Group: Fleet Readiness Center Southwest

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [02B] Abrasive Blasting Cabinet
 BEC: APCD2025-CON-002232

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Emissions of particulate matter from the exhaust stack of the equipment shall not exceed 0.10 grain per dry standard cubic foot (0.23 grams per dry standard cubic meter) of gas. Compliance with all other conditions of this permit shall establish compliance with this requirement, unless other data such as source testing results indicates an exceedance. Periodic source testing is not required to determine compliance with this limit, unless requested in writing by the District based on information indicating that emissions are in excess of this limit. (Rule 52(d))



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PERMIT ID

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2. All process and storage equipment with air pollution control equipment shall be maintained and operated so that there is no leakage (0% opacity during operation and free of accumulated dust when not in operation) of air contaminants to the atmosphere prior to their treatment in the air pollution control system. [Rule 21, Rule 1200]
3. The Air Pollution Control device shall be maintained in good operating condition and shall be in operation whenever the equipment described above is in operation. [Rule 21, Rule 1200]
5. All containers used to store material rejected by the recycling process line or used to store material captured in the dust collector shall be kept enclosed or shrouded at all times except when being emptied into other containers. [Rules 50, 52, 1200]
6. A differential pressure gauge shall be installed across the filter media and be operational to measure the pressure drop across the filters. The differential pressure shall be maintained between 0.5 and 3.5 inches of water column. The gauge readings shall be noted in an equipment logbook on each day of equipment operation where the pressure drop shall be measured and recorded to the nearest 0.1 inches of water column. Any filter removal, replacement or maintenance shall be noted in the logbook on the date it occurs. These logs shall be made available to the District upon request and may be in paper form or electronic and may be automated by a data collection system or similar. (Rule 50, Rule 1200)
7. Permittee shall perform the following monitoring at least once every six months and maintain records of the results:
 - a) Visually inspect the dust collector system to verify it is in good working order;
 - b) Observe the dust collector exhaust to detect any visible emissions. If any visible emissions are observed, permittee shall take immediate corrective actions.
[Rule 21]
8. Records of all pressure gauge readings, filter specifications, inspections, repairs, malfunctions and breakdowns of the dust collector shall be maintained on site and readily available for review by the District for the above equipment. [Rule 21]
9. All records required by this permit shall be kept for a minimum of five (5) years and made available to District personnel upon request.
10. If the pressure drop is outside the limit(s) specified in this permit, the equipment shall be shut down immediately and corrective action taken. The operation shall not be resumed until the pressure drop is returned to the specified limit. This requirement does not apply to the depainting of radomes and parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which are subject to these requirements. (40 CFR 63.746(b)(4)(v))
11. For each period of malfunction of this equipment, the owner or operator shall maintain the following records: (a) the method that malfunctioned; (b) date of malfunction; (c) description of malfunction; (d) method used for depainting of aircraft during malfunction; (e) dates that alternative depainting operations started and ended; (f) date malfunction was corrected. This requirement does not apply to malfunctions which occur during the depainting of parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which are subject to these requirements.(40 CFR 63.752(e))
12. The owner or operator shall submit semi-annual reports in accordance with 40 CFR 63.753(d). These reports shall include:
 - (a) Any instance the owner or operator fails to comply with an applicable standard;
 - (b) All records specified in this permit related to a malfunction of a depainting operation during the reporting period;
 - (c) All periods where the dust control differential pressure was outside the limit(s) specified by the filter or booth manufacturer or in locally prepared operational procedures and the equipment was not shut down;
 - (d) A list of new and discontinued aircraft models depainted at the facility over the last 6 months and a list of the parts normally removed for depainting for each new aircraft model being depainted;
 - (e) If the depainting operation has been in compliance for the semiannual period, a statement signed by the responsible official that the operation was in compliance with the applicable standards.Reports are not required to include the information above for operations only involving the depainting of parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which must be included in these reports.



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13. The dry particulate control system for this equipment shall be certified by the filter manufacturer, distributor, booth supplier and/or facility owner or operator to meet a minimum filtration efficiency no less than described in Tables 4 and 5 of 40 CFR 63.745. The certification shall be based on particulate control efficiency test data established using a test method which meets the requirements of Method 319 in Appendix A of 40 CFR 63 for any specific filter used in the equipment. The owner or operator shall maintain a record of manufacturer specifications or similar document which states the particulate control efficiency for all filters used in the particulate control system which are used as part of meeting this requirement, and shall make these specifications and any other information used to certify the control system available to District personnel upon request. This requirement does not apply during the depainting of radomes and parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which are subject to these requirements. (40 CFR 63.746(b)(4)(ii)(B))
14. The equipment described above shall not cause or contribute to a public nuisance. (Rule 51)
15. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

4. The abrasive used for blasting and recycling in this abrasive blast system shall be limited to aluminum oxide or glass bead. [17 CCR 92500]
16. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
17. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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Site ID: APCD1978-SITE-02756
App ID: APCD2020-APP-006380

PERMIT ID

APCD2007-PTO-005809

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EQUIPMENT ADDRESS

Fleet Readiness Center
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PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

One abrasive blast booth in building 472:
 One (1) Abrasive blast booth: 18'L x 9'W x 10'H, SN: 2400123, with one (1) blast nozzle at ½" diameter, blast medium: aluminum oxide, glass bead, 150 grit size, Mil-Spec PRF-9945D No. 11.
 One (1) Media storage with reclaim hopper – Series 100: 16'L x 9'W x 4.5'D, pneumatic recovery system with inground hopper leading to cyclone separator, one (1) 3 hp blower, one (1) 54 cft hopper, hopper filter with 480 sq.ft filter area, floor construction with eight (8) hopper rows each 18ft in length.
 One (1) Dust collection system: Airwall MD 100, 8'H x 7'W x 4'D, one (1) blower at 10,000 cfm, total fifteen (15) cartridge filters of 3,375 sq.ft filter area (share with three abrasive blast booths as per PTO-005808, 005809 and 05810), filter efficiency at 99.97% for 0.3 micron particles.
 Functional Group: Fleet Readiness Center Southwest

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [02B] Abrasive Blasting Cabinet
 BEC: APCD2025-CON-002232

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Emissions of particulate matter from the exhaust stack of the equipment shall not exceed 0.10 grain per dry standard cubic foot (0.23 grams per dry standard cubic meter) of gas. Compliance with all other conditions of this permit shall establish compliance with this requirement, unless other data such as source testing results indicates an exceedance. Periodic source testing is not required to determine compliance with this limit, unless requested in writing by the District based on information indicating that emissions are in excess of this limit. (Rule 52(d))



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Site ID: APCD1978-SITE-02756
App ID: APCD2020-APP-006380

PERMIT ID

APCD2007-PTO-005809



2. All process and storage equipment with air pollution control equipment shall be maintained and operated so that there is no leakage (0% opacity during operation and free of accumulated dust when not in operation) of air contaminants to the atmosphere prior to their treatment in the air pollution control system. [Rule 21, Rule 1200]
3. The Air Pollution Control device shall be maintained in good operating condition and shall be in operation whenever the equipment described above is in operation. [Rule 21, Rule 1200]
5. All containers used to store material rejected by the recycling process line or used to store material captured in the dust collector shall be kept enclosed or shrouded at all times except when being emptied into other containers. [Rules 50, 52, 1200]
6. A differential pressure gauge shall be installed across the filter media and be operational to measure the pressure drop across the filters. The differential pressure shall be maintained between 0.5 and 3.5 inches of water column. The gauge readings shall be noted in an equipment logbook on each day of equipment operation where the pressure drop shall be measured and recorded to the nearest 0.1 inches of water column. Any filter removal, replacement or maintenance shall be noted in the logbook on the date it occurs. These logs shall be made available to the District upon request and may be in paper form or electronic and may be automated by a data collection system or similar. (Rule 50, Rule 1200)
7. Permittee shall perform the following monitoring at least once every six months and maintain records of the results:
 - a) Visually inspect the dust collector system to verify it is in good working order;
 - b) Observe the dust collector exhaust to detect any visible emissions. If any visible emissions are observed, permittee shall take immediate corrective actions.
[Rule 21]
8. Records of all pressure gauge readings, filter specifications, inspections, repairs, malfunctions and breakdowns of the dust collector shall be maintained on site and readily available for review by the District for the above equipment. [Rule 21]
9. All records required by this permit shall be kept for a minimum of five (5) years and made available to District personnel upon request.
10. If the pressure drop is outside the limit(s) specified in this permit, the equipment shall be shut down immediately and corrective action taken. The operation shall not be resumed until the pressure drop is returned to the specified limit. This requirement does not apply to the depainting of radomes and parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which are subject to these requirements. (40 CFR 63.746(b)(4)(v))
11. For each period of malfunction of this equipment, the owner or operator shall maintain the following records: (a) the method that malfunctioned; (b) date of malfunction; (c) description of malfunction; (d) method used for depainting of aircraft during malfunction; (e) dates that alternative depainting operations started and ended; (f) date malfunction was corrected. This requirement does not apply to malfunctions which occur during the depainting of parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which are subject to these requirements.(40 CFR 63.752(e))
12. The owner or operator shall submit semi-annual reports in accordance with 40 CFR 63.753(d). These reports shall include:
 - (a) Any instance the owner or operator fails to comply with an applicable standard;
 - (b) All records specified in this permit related to a malfunction of a depainting operation during the reporting period;
 - (c) All periods where the dust control differential pressure was outside the limit(s) specified by the filter or booth manufacturer or in locally prepared operational procedures and the equipment was not shut down;
 - (d) A list of new and discontinued aircraft models depainted at the facility over the last 6 months and a list of the parts normally removed for depainting for each new aircraft model being depainted;
 - (e) If the depainting operation has been in compliance for the semiannual period, a statement signed by the responsible official that the operation was in compliance with the applicable standards.Reports are not required to include the information above for operations only involving the depainting of parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which must be included in these reports.



COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
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APCD2007-PTO-005809


13. The dry particulate control system for this equipment shall be certified by the filter manufacturer, distributor, booth supplier and/or facility owner or operator to meet a minimum filtration efficiency no less than described in Tables 4 and 5 of 40 CFR 63.745. The certification shall be based on particulate control efficiency test data established using a test method which meets the requirements of Method 319 in Appendix A of 40 CFR 63 for any specific filter used in the equipment. The owner or operator shall maintain a record of manufacturer specifications or similar document which states the particulate control efficiency for all filters used in the particulate control system which are used as part of meeting this requirement, and shall make these specifications and any other information used to certify the control system available to District personnel upon request. This requirement does not apply during the depainting of radomes and parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which are subject to these requirements. (40 CFR 63.746(b)(4)(ii)(B))
14. The equipment described above shall not cause or contribute to a public nuisance. (Rule 51)
15. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

4. The abrasive used for blasting and recycling in this abrasive blast system shall be limited to aluminum oxide or glass bead. [17 CCR 92500]
16. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
17. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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Site ID: APCD1978-SITE-02756
App ID: APCD2020-APP-006381

PERMIT ID

APCD2007-PTO-005810

Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

One abrasive blast booth in building 472:
 One (1) Abrasive blast booth: 18'L x 9'W x 10'H, SN: 2400121, with one (1) blast nozzle at ½" diameter, blast medium: aluminum oxide, glass bead, 150 grit size, Mil-Spec PRF-9945D No. 11.
 One (1) Media storage with reclaim hopper – Series 100: 16'L x 9'W x 4.5'D, pneumatic recovery system with inground hopper leading to cyclone separator, one (1) 3 hp blower, one (1) 54 cft hopper, hopper filter with 480 sq.ft filter area, floor construction with eight (8) hopper rows each 18ft in length.
 One (1) Dust collection system: Airwall MD 100, 8'H x 7'W x 4'D, one (1) blower at 10,000 cfm, total fifteen (15) cartridge filters of 3,375 sq.ft filter area (share with three abrasive blast booths as per PTO-005808, 005809 and 05810), filter efficiency at 99.97% for 0.3 micron particles.
 Functional Group: Fleet Readiness Center Southwest

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [02B] Abrasive Blasting Cabinet
 BEC: APCD2025-CON-002232

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Emissions of particulate matter from the exhaust stack of the equipment shall not exceed 0.10 grain per dry standard cubic foot (0.23 grams per dry standard cubic meter) of gas. Compliance with all other conditions of this permit shall establish compliance with this requirement, unless other data such as source testing results indicates an exceedance. Periodic source testing is not required to determine compliance with this limit, unless requested in writing by the District based on information indicating that emissions are in excess of this limit. (Rule 52(d))



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Site ID: APCD1978-SITE-02756
App ID: APCD2020-APP-006381

PERMIT ID

APCD2007-PTO-005810



2. All process and storage equipment with air pollution control equipment shall be maintained and operated so that there is no leakage (0% opacity during operation and free of accumulated dust when not in operation) of air contaminants to the atmosphere prior to their treatment in the air pollution control system. [Rule 21, Rule 1200]
3. The Air Pollution Control device shall be maintained in good operating condition and shall be in operation whenever the equipment described above is in operation. [Rule 21, Rule 1200]
5. All containers used to store material rejected by the recycling process line or used to store material captured in the dust collector shall be kept enclosed or shrouded at all times except when being emptied into other containers. [Rules 50, 52, 1200]
6. A differential pressure gauge shall be installed across the filter media and be operational to measure the pressure drop across the filters. The differential pressure shall be maintained between 0.5 and 3.5 inches of water column. The gauge readings shall be noted in an equipment logbook on each day of equipment operation where the pressure drop shall be measured and recorded to the nearest 0.1 inches of water column. Any filter removal, replacement or maintenance shall be noted in the logbook on the date it occurs. These logs shall be made available to the District upon request and may be in paper form or electronic and may be automated by a data collection system or similar. (Rule 50, Rule 1200)
7. Permittee shall perform the following monitoring at least once every six months and maintain records of the results:
 - a) Visually inspect the dust collector system to verify it is in good working order;
 - b) Observe the dust collector exhaust to detect any visible emissions. If any visible emissions are observed, permittee shall take immediate corrective actions.
[Rule 21]
8. Records of all pressure gauge readings, filter specifications, inspections, repairs, malfunctions and breakdowns of the dust collector shall be maintained on site and readily available for review by the District for the above equipment. [Rule 21]
9. All records required by this permit shall be kept for a minimum of five (5) years and made available to District personnel upon request.
10. If the pressure drop is outside the limit(s) specified in this permit, the equipment shall be shut down immediately and corrective action taken. The operation shall not be resumed until the pressure drop is returned to the specified limit. This requirement does not apply to the depainting of radomes and parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which are subject to these requirements. (40 CFR 63.746(b)(4)(v))
11. For each period of malfunction of this equipment, the owner or operator shall maintain the following records: (a) the method that malfunctioned; (b) date of malfunction; (c) description of malfunction; (d) method used for depainting of aircraft during malfunction; (e) dates that alternative depainting operations started and ended; (f) date malfunction was corrected. This requirement does not apply to malfunctions which occur during the depainting of parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which are subject to these requirements.(40 CFR 63.752(e))
12. The owner or operator shall submit semi-annual reports in accordance with 40 CFR 63.753(d). These reports shall include:
 - (a) Any instance the owner or operator fails to comply with an applicable standard;
 - (b) All records specified in this permit related to a malfunction of a depainting operation during the reporting period;
 - (c) All periods where the dust control differential pressure was outside the limit(s) specified by the filter or booth manufacturer or in locally prepared operational procedures and the equipment was not shut down;
 - (d) A list of new and discontinued aircraft models depainted at the facility over the last 6 months and a list of the parts normally removed for depainting for each new aircraft model being depainted;
 - (e) If the depainting operation has been in compliance for the semiannual period, a statement signed by the responsible official that the operation was in compliance with the applicable standards.Reports are not required to include the information above for operations only involving the depainting of parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which must be included in these reports.



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Site ID: APCD1978-SITE-02756
App ID: APCD2020-APP-006381

PERMIT ID

APCD2007-PTO-005810



13. The dry particulate control system for this equipment shall be certified by the filter manufacturer, distributor, booth supplier and/or facility owner or operator to meet a minimum filtration efficiency no less than described in Tables 4 and 5 of 40 CFR 63.745. The certification shall be based on particulate control efficiency test data established using a test method which meets the requirements of Method 319 in Appendix A of 40 CFR 63 for any specific filter used in the equipment. The owner or operator shall maintain a record of manufacturer specifications or similar document which states the particulate control efficiency for all filters used in the particulate control system which are used as part of meeting this requirement, and shall make these specifications and any other information used to certify the control system available to District personnel upon request. This requirement does not apply during the depainting of radomes and parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which are subject to these requirements. (40 CFR 63.746(b)(4)(ii)(B))
14. The equipment described above shall not cause or contribute to a public nuisance. (Rule 51)
15. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

4. The abrasive used for blasting and recycling in this abrasive blast system shall be limited to aluminum oxide or glass bead. [17 CCR 92500]
16. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
17. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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Site ID: APCD1978-SITE-02756
App ID: APCD1999-APP-973980

PERMIT ID

APCD2009-PTO-005812


Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
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PERMIT TO OPERATE

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The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

ABRASIVE BLAST ROOM: VACUBLAST, WITH 1 CHAMBER 12'X16'X10'H (3840CU FT), WITH TWO BLAST NOZZLES EACH 0.5 INCH, WITH TWO ABRASIVE BLAST POTS EACH MAKE ABRASIVE BLAST SYSTEMS INC. MODEL ABRASIVE BLAST 4 X 6 DD, WITH RECYCLING, LOCATED BLDG 472. (980141 ALC 03/05) CORRECTION SJE 9/08,986971/SJE

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [02B] Abrasive Blasting Cabinet
 1 [02B] Abrasive Blasting Cabinet

BEC: 13099

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Emissions of particulate matter from the exhaust stack of the equipment shall not exceed 0.10 grain per dry standard cubic foot (0.23 grams per dry standard cubic meter) of gas. Compliance with all other conditions of this permit shall establish compliance with this requirement, unless other data such as source testing results indicates an exceedance. Periodic source testing is not required to determine compliance with this limit, unless requested in writing by the District based on information indicating that emissions are in excess of this limit. (Rule 52(d))
2. All process equipment shall be maintained and operated so that there is no leakage of air contaminants to the atmosphere prior to their treatment in the air pollution control system. (Rule 52(d))
3. The air pollution control device shall be in full operation whenever the abrasive blasting equipment is being operated. (Rule 52(d))
4. Permittee shall visually inspect the baghouse filter system annually to verify that the baghouse is in good working order. (Rule 52(d))



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5. All inspections, repairs, malfunctions and breakdowns shall be recorded and such records shall be maintained on-site for the above equipment. (Rule 1421)
6. No later than one year from the date of issuance of the Title V renewal permit pursuant to application APCD2016-APP-004084, the owner or operator shall install a continuous differential pressure gauge across the filter system described in the equipment description of this permit. (Rule 52(d))
7. Upon installation of the differential pressure gauge required by this permit, the owner or operator shall establish minimum and maximum values for the filters based on the manufacturer's recommendations and/or other technical considerations. These limits shall be reported to District personnel and noted in writing in a log book or similar location. Once these limits have been established, the owner or operator shall maintain the filter system within the prescribed operating ranges at all times the equipment is in operation. (Rule 52(d))
8. Upon installation of the differential pressure gauge and establishment of differential pressure operating ranges under this permit, the owner or operator shall record the differential pressure at least once every day of operation. These logs may be in paper form or electronic, and may be automated by a data collection system or similar. (Rule 52(d))
9. A differential pressure gauge shall be installed across the filter cartridges which is maintained operational at all times when the equipment is in operation. The gauge reading shall be noted in a log book during each day of equipment use. If the pressure drop falls outside of the range specified in this permit, permittee shall shut down the operation immediately upon discovery and take corrective action. Explanation of the cause of pressure falling outside the range, and all corrective actions shall be noted in the log book on the day of the activity. (Rule 52, 40 CFR 63.751(d))
10. For each period of malfunction of this equipment, the owner or operator shall maintain the following records: (a) the method that malfunctioned; (b) date of malfunction; (c) description of malfunction; (d) method used for depainting of aircraft during malfunction; (e) dates that alternative depainting operations started and ended; (f) date malfunction was corrected. This requirement does not apply to malfunctions which occur during the depainting of parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which are subject to these requirements.(40 CFR 63.752(e))
11. The owner or operator shall submit semi-annual reports in accordance with 40 CFR 63.753(d). These reports shall include:
 - (a) Any instance the owner or operator fails to comply with an applicable standard;
 - (b) All records specified in this permit related to a malfunction of a depainting operation during the reporting period;
 - (c) All periods where the dust control differential pressure was outside the limit(s) specified by the filter or booth manufacturer or in locally prepared operational procedures and the equipment was not shut down;
 - (d) A list of new and discontinued aircraft models depainted at the facility over the last 6 months and a list of the parts normally removed for depainting for each new aircraft model being depainted;
 - (e) If the depainting operation has been in compliance for the semiannual period, a statement signed by the responsible official that the operation was in compliance with the applicable standards.Reports are not required to include the information above for operations only involving the depainting of parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which must be included in these reports.
12. If the pressure drop is outside the limit(s) specified in this permit, the equipment shall be shut down immediately and corrective action taken. The operation shall not be resumed until the pressure drop is returned to the specified limit. This requirement does not apply to the depainting of radomes and parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which are subject to these requirements. (40 CFR 63.746(b)(4)(v))



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PERMIT ID

APCD2009-PTO-005812



13. The dry particulate control system for this equipment shall be certified by the filter manufacturer, distributor, booth supplier and/or facility owner or operator to meet a minimum filtration efficiency no less than described in Tables 4 and 5 of 40 CFR 63.745. The certification shall be based on particulate control efficiency test data established using a test method which meets the requirements of Method 319 in Appendix A of 40 CFR 63 for any specific filter used in the equipment. The owner or operator shall maintain a record of manufacturer specifications or similar document which states the particulate control efficiency for all filters used in the particulate control system which are used as part of meeting this requirement, and shall make these specifications and any other information used to certify the control system available to District personnel upon request. This requirement does not apply during the depainting of radomes and parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which are subject to these requirements. (40 CFR 63.746(b)(4)(ii)(B))
14. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

15. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
16. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004824

PERMIT ID

APCD2008-PTO-910891


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 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
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PERMIT TO OPERATE

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The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Abrasive Blast Facility (90'x'56'x25') consisting of four operating nozzles including media storage hopper and pressure vessel assemblies. Media Recovery consists of two floor trenches, pneumatic conveying system with recovery storage hopper, high density particle separation (HDPS) system with cyclone separation, rotary airlock, ionizer, screen classifiers, and three waste drums connected to 3 dust collectors. Filtration system consists of 180 cartridge (airwall) filters containing cartridge filters with a minimum capture efficiency of 99.9% at 5 microns. Airwall is exhausted through 2 VFD roof fans at 50,000 cfm each. Located in building 468.

Functional Group: Aircraft Repairs/Overhaul.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [02B] Abrasive Blasting Cabinet

BEC: APCD2013-CON-000683

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Emissions of particulate matter from the exhaust stack of the equipment shall not exceed 0.10 grain per dry standard cubic foot (0.23 grams per dry standard cubic meter) of gas. Compliance with all other conditions of this permit shall establish compliance with this requirement, unless other data such as source testing results indicates an exceedance. Periodic source testing is not required to determine compliance with this limit, unless requested in writing by the District based on information indicating that emissions are in excess of this limit. (Rule 52(d))



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APCD2008-PTO-910891



2. Air pollution control equipment shall be maintained in good operating condition in accordance with manufacturer's instructions or a site specific operations and maintenance (O&M) plan. All applicable control equipment shall be in full operation at all times when the process equipment is in operation. Manufacturer's instructions and specifications or a site specific O&M pertaining to the operation and maintenance of this equipment shall be maintained on site and made available to District personnel upon request. [Rule 52]
3. All process and storage equipment with air pollution control equipment shall be maintained and operated so that there is no leakage (0% opacity during operation and free of accumulated dust when not in operation) of air contaminants to the atmosphere prior to their treatment in the air pollution control system. [Rule 52]
4. Only Farr Ten-Kay, Clark ProTura or equivalent filters as determined by the manufacturer shall be used in the air wall, bin vent and HDPS dust collectors. The owner or operator must obtain written approval from the District prior to using any filters other than Farr Ten-Kay or Clark ProTura. The owner or operator must maintain manufacturer records demonstrating the equivalency of any other filters used in this equipment. The records for a given filter type shall be maintained on site for at least as long as that filter type is in use. [Rules 10 and 52]
5. Dust shall be removed from blasted objects prior to removing them from the blast room. [Rule 52]
6. Blast room ventilation and filter system shall remain in operation at least 5 minutes after blasting operations have ceased to clear the blast room air prior to opening the blast room doors. [Rule 21]
7. The air wall dust collector shall be equipped with a differential pressure gauge which is maintained operational at all times when the equipment is in operation. The gauge reading shall be noted in a log book during each shift of equipment use. Explanation of the cause of pressure falling outside the range, and all corrective actions shall be noted in the log book on the day of the activity. (Rule 52, 40 CFR 63.751(d))
8. The differential pressure reading across the airwall shall be between 0.5 and 3.5 inches of water when blasting objects in this blast room. (Rule 52)
9. If the pressure drop is outside the limit(s) specified in this permit, the equipment shall be shut down immediately and corrective action taken. The operation shall not be resumed until the pressure drop is returned to the specified limit. This requirement does not apply to the depainting of radomes and parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which are subject to these requirements. (40 CFR 63.746(b)(4)(v))
10. Only plastic abrasive blast media shall be used with this equipment. [Rules 10 and 52]
11. Vacuuming and sweeping for housekeeping purposes shall only be performed with the air pollution control system operating and the blast room doors closed. [Rule 52]
12. The HDPS overflow bin shall be evacuated at the end of each shift if any material has accumulated in it. [Rule 52]
13. The owner or operator shall record dates and results of filter system testing and maintenance activities required by this permit. Such records shall be maintained on site for a period of no less than five years and be made available to the District upon request. [Rule 52]
14. The dry particulate control system for this equipment shall be certified by the filter manufacturer, distributor, booth supplier and/or facility owner or operator to meet a minimum filtration efficiency no less than described in Tables 4 and 5 of 40 CFR 63.745. The certification shall be based on particulate control efficiency test data established using a test method which meets the requirements of Method 319 in Appendix A of 40 CFR 63 for any specific filter used in the equipment. The owner or operator shall maintain a record of manufacturer specifications or similar document which states the particulate control efficiency for all filters used in the particulate control system which are used as part of meeting this requirement, and shall make these specifications and any other information used to certify the control system available to District personnel upon request. This requirement does not apply during the depainting of radomes and parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which are subject to these requirements. (40 CFR 63.746(b)(4)(ii)(B))



COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
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Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004824

PERMIT ID

APCD2008-PTO-910891


- 15. For each period of malfunction of this equipment, the owner or operator shall maintain the following records: (a) the method that malfunctioned; (b) date of malfunction; (c) description of malfunction; (d) method used for depainting of aircraft during malfunction; (e) dates that alternative depainting operations started and ended; (f) date malfunction was corrected. This requirement does not apply to malfunctions which occur during the depainting of parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which are subject to these requirements.(40 CFR 63.752(e))
- 16. The owner or operator shall submit semi-annual reports in accordance with 40 CFR 63.753(d). These reports shall include:
 - (a) Any instance the owner or operator fails to comply with an applicable standard;
 - (b) All records specified in this permit related to a malfunction of a depainting operation during the reporting period;
 - (c) All periods where the dust control differential pressure was outside the limit(s) specified by the filter or booth manufacturer or in locally prepared operational procedures and the equipment was not shut down;
 - (d) A list of new and discontinued aircraft models depainted at the facility over the last 6 months and a list of the parts normally removed for depainting for each new aircraft model being depainted;
 - (e) If the depainting operation has been in compliance for the semiannual period, a statement signed by the responsible official that the operation was in compliance with the applicable standards.
 Reports are not required to include the information above for operations only involving the depainting of parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which must be included in these reports.
- 17. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

- 18. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
- 19. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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Site ID: APCD1978-SITE-02756
App ID: APCD2003-APP-980141

PERMIT ID

APCD2007-PTO-005977


Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

ABRASIVE BLAST ROOM (5040 CU FT): CLEMCO INDUSTRIES CDF-24 (30' L X 14' W X 12' H), 48 CELLULOSE/POLYESTER CARTRIDGE TYPE FILTERS (13.75" DIAMETER X 26' LONG), WITH REVERSE PULSE CLEANING, BLAST NOZZLE WITH METERING VALVE, 6 CU. FT. PRESSURE VESSEL, PNEUMATIC ABRASIVE RECOVERY SYSTEM WITH 3600 CENTRIFUGE SEPARATOR RECLAIM SYSTEM. No APP6/30/03 EAD (980141 ALC May 2005)

Functional Group: Aircraft Repairs/Overhaul.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [02B] Abrasive Blasting Cabinet
 BEC: 13100

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Emissions of particulate matter from the exhaust stack of the equipment shall not exceed 0.10 grain per dry standard cubic foot (0.23 grams per dry standard cubic meter) of gas. Compliance with all other conditions of this permit shall establish compliance with this requirement, unless other data such as source testing results indicates an exceedance. Periodic source testing is not required to determine compliance with this limit, unless requested in writing by the District based on information indicating that emissions are in excess of this limit. (Rule 52(d))
2. Air pollution control equipment shall be maintained in good operating condition and shall be in full operation in accordance with manufacturer's instructions at all times when the process equipment is in operation. (Rule 21, 52, 1421)
3. Visibly worn or damaged filters shall be replaced immediately. (Rule 21, 52, 1421)



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4. This equipment shall not be used unless the filters are installed and sealed to prevent contaminated air from bypassing the filters. (Rule 21, 52, 1421)
5. The Air Pollution Control System and all process equipment including gathering devices such as hoods, cabinets, scoops and duct work shall be positioned, operated, and maintained so that there is no leakage of Air Contaminants to the atmosphere prior to their treatment in the Air Pollution Control System. Air Pollution Control Equipment shall be maintained in good operating condition and shall be in full operation in accordance with manufacturer's instructions at all times when the process equipment is in operation. (Rule 21, 52, 1421)
6. Air ducts and the air pollution control device shall be inspected, cleaned and repaired no less frequently than on 6 month intervals. The date that equipment is inspected, cleaned or repaired shall be recorded and such records shall be made available to the District upon request. (Rule 21, 52, 1421)
7. The differential pressure shall not be less than 0.5 inches of water and shall not exceed 6.5 inches of water while the equipment is in operation. (Rule 21, 52, 1421)
8. The differential pressure gauge installed across the filter cartridges shall be maintained operational at all times when the equipment is in operation. The gauge reading shall be noted in a log book during each day of equipment use. The cause of the differential pressure gauge not reading in the operating range of 0.5 to 6.5 inches of water shall be investigated and repairs shall be made as soon as possible. Explanation and corrective action shall be noted in the log book on the day of inspection/maintenance. (Rule 21, 52, 1421)
9. A differential pressure gauge shall be installed across the filter cartridges which is maintained operational at all times when the equipment is in operation. The gauge reading shall be noted in a log book during each day of equipment use. If the pressure drop falls outside of the range specified in this permit, permittee shall shut down the operation immediately upon discovery and take corrective action. Explanation of the cause of pressure falling outside the range, and all corrective actions shall be noted in the log book on the day of the activity. (Rule 52, 40 CFR 63.751(d))
10. If the pressure drop is outside the limit(s) specified in this permit, the equipment shall be shut down immediately and corrective action taken. The operation shall not be resumed until the pressure drop is returned to the specified limit. This requirement does not apply to the depainting of radomes and parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which are subject to these requirements. (40 CFR 63.746(b)(4)(v))
11. For each period of malfunction of this equipment, the owner or operator shall maintain the following records: (a) the method that malfunctioned; (b) date of malfunction; (c) description of malfunction; (d) method used for depainting of aircraft during malfunction; (e) dates that alternative depainting operations started and ended; (f) date malfunction was corrected. This requirement does not apply to malfunctions which occur during the depainting of parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which are subject to these requirements.(40 CFR 63.752(e))
12. The owner or operator shall submit semi-annual reports in accordance with 40 CFR 63.753(d). These reports shall include:
 - (a) Any instance the owner or operator fails to comply with an applicable standard;
 - (b) All records specified in this permit related to a malfunction of a depainting operation during the reporting period;
 - (c) All periods where the dust control differential pressure was outside the limit(s) specified by the filter or booth manufacturer or in locally prepared operational procedures and the equipment was not shut down;
 - (d) A list of new and discontinued aircraft models depainted at the facility over the last 6 months and a list of the parts normally removed for depainting for each new aircraft model being depainted;
 - (e) If the depainting operation has been in compliance for the semiannual period, a statement signed by the responsible official that the operation was in compliance with the applicable standards.Reports are not required to include the information above for operations only involving the depainting of parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which must be included in these reports.



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13. The dry particulate control system for this equipment shall be certified by the filter manufacturer, distributor, booth supplier and/or facility owner or operator to meet a minimum filtration efficiency no less than described in Tables 4 and 5 of 40 CFR 63.745. The certification shall be based on particulate control efficiency test data established using a test method which meets the requirements of Method 319 in Appendix A of 40 CFR 63 for any specific filter used in the equipment. The owner or operator shall maintain a record of manufacturer specifications or similar document which states the particulate control efficiency for all filters used in the particulate control system which are used as part of meeting this requirement, and shall make these specifications and any other information used to certify the control system available to District personnel upon request. This requirement does not apply during the depainting of radomes and parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which are subject to these requirements. (40 CFR 63.746(b)(4)(ii)(B))
14. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

15. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
16. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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Site ID: APCD1978-SITE-02756
App ID: APCD2018-APP-005298

PERMIT ID

APCD2007-PTO-890333


Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
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PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Abrasive blast room w/recycling: Custom Booth (40'x17'x14') controlled by EnviroSystems AW160 air wall dust control w/30 cartridge filters composed of 80/20 Cellulose/Polyester Blend, 20 hp blower motor, max 16000 cfm; Abrasive handling and recycle system consisting on an underground hopper 8" by 30', air driven w/ 7.5 hp blower motor; high density particle separation (HDPS) system w/ cyclone separator vented to reclaim bin vent dust collector with two 80/20 Cellulose/Polyester Blend Cartridges, 100 cu ft reclaim/HDPS hopper, screen classifier, rotary airlock and ionizer, overflow media storage bin, three HDPS air suspension ducts connected to HDPS modules equipped with two 80/20 Cellulose/Polyester Blend Cartridges, media storage hopper; enviroSystems lab 200 series abrasive blast system, two each of pressure vessels (6 cu ft), blast hoses and blast nozzles. NOTE: this system is equipped with pulsing cycle to remove fabric cake based on rising dP. Bldg 468 Cell No. 13 (980141 alc 03/05)

Functional Group: Aircraft Repairs/Overhaul.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [02B] Abrasive Blasting Cabinet

BEC: APCD2014-CON-000902

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Emissions of particulate matter from the exhaust stack of the equipment shall not exceed 0.10 grain per dry standard cubic foot (0.23 grams per dry standard cubic meter) of gas. Compliance with all other conditions of this permit shall establish compliance with this requirement, unless other data such as source testing results indicates an exceedance. Periodic source testing is not required to determine compliance with this limit, unless requested in writing by the District based on information indicating that emissions are in excess of this limit. (Rule 52(d))



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PERMIT ID

APCD2007-PTO-890333



2. Air pollution control equipment shall be maintained in good operating condition in accordance with manufacturer's instructions or a site specific operations and maintenance (O&M) plan. All applicable control equipment shall be in full operation at all times when the process equipment is in operation. Manufacturer's instructions and specifications or a site specific O&M pertaining to the operation and maintenance of this equipment shall be maintained on site and made available to District personnel upon request. [Rule 52]
3. All process and storage equipment with air pollution control equipment shall be maintained and operated so that there is no leakage (0% opacity during operation and free of accumulated dust when not in operation) of air contaminants to the atmosphere prior to their treatment in the air pollution control system. [Rule 52]
4. Only Farr Ten-Kay, Clark ProTura or equivalent filters as determined by the manufacturer shall be used in the air wall, bin vent and HDPS dust collectors. The owner or operator must obtain written approval from the District prior to using any filters other than Farr Ten-Kay or Clark ProTura. The owner or operator must maintain manufacturer records demonstrating the equivalency of any other filters used in this equipment. The records for a given filter type shall be maintained on site for at least as long as that filter type is in use. [Rules 10 and 52]
5. Dust shall be removed from blasted objects prior to removing them from the blast room. [Rule 52]
6. Blast room ventilation and filter system shall remain in operation at least 5 minutes after blasting operations have ceased to clear the blast room air prior to opening the blast room doors. [Rule 21]
7. The air wall dust collector shall be equipped with a differential pressure gauge which is maintained operational at all times when the equipment is in operation. The gauge reading shall be noted in a log book during each shift of equipment use. Explanation of the cause of pressure falling outside the range, and all corrective actions shall be noted in the log book on the day of the activity. (Rule 52, 40 CFR 63.751(d))
8. The differential pressure across the air wall dust collector shall be between 0.5 and 5.5 inches of water when blasting objects in this blast room. [Rule 52, 40 CFR 63 Subpart GG]
9. If the pressure drop is outside the limit(s) specified in this permit, the equipment shall be shut down immediately and corrective action taken. The operation shall not be resumed until the pressure drop is returned to the specified limit. This requirement does not apply to the depainting of radomes and parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which are subject to these requirements. (40 CFR 63.746(b)(4)(v))
10. Only plastic abrasive blast media shall be used with this equipment. [Rules 10 and 52]
11. Vacuuming and sweeping for housekeeping purposes shall only be performed with the air pollution control system operating and the blast room doors closed. [Rule 52]
12. The HDPS overflow bin shall be evacuated at the end of each shift if any material has accumulated in it. [Rule 52]
13. The owner or operator shall record dates and results of filter system testing and maintenance activities required by this permit. Such records shall be maintained on site for a period of no less than five years and be made available to the District upon request. [Rule 52]
14. The dry particulate control system for this equipment shall be certified by the filter manufacturer, distributor, booth supplier and/or facility owner or operator to meet a minimum filtration efficiency no less than described in Tables 4 and 5 of 40 CFR 63.745. The certification shall be based on particulate control efficiency test data established using a test method which meets the requirements of Method 319 in Appendix A of 40 CFR 63 for any specific filter used in the equipment. The owner or operator shall maintain a record of manufacturer specifications or similar document which states the particulate control efficiency for all filters used in the particulate control system which are used as part of meeting this requirement, and shall make these specifications and any other information used to certify the control system available to District personnel upon request. This requirement does not apply during the depainting of radomes and parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which are subject to these requirements. (40 CFR 63.746(b)(4)(ii)(B))



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15. For each period of malfunction of this equipment, the owner or operator shall maintain the following records: (a) the method that malfunctioned; (b) date of malfunction; (c) description of malfunction; (d) method used for repainting of aircraft during malfunction; (e) dates that alternative repainting operations started and ended; (f) date malfunction was corrected. This requirement does not apply to malfunctions which occur during the repainting of parts or units normally removed from the aerospace vehicle for repainting, except for repainting of wings and stabilizers which are subject to these requirements.(40 CFR 63.752(e))
16. The owner or operator shall submit semi-annual reports in accordance with 40 CFR 63.753(d). These reports shall include:
 - (a) Any instance the owner or operator fails to comply with an applicable standard;
 - (b) All records specified in this permit related to a malfunction of a repainting operation during the reporting period;
 - (c) All periods where the dust control differential pressure was outside the limit(s) specified by the filter or booth manufacturer or in locally prepared operational procedures and the equipment was not shut down;
 - (d) A list of new and discontinued aircraft models repainted at the facility over the last 6 months and a list of the parts normally removed for repainting for each new aircraft model being repainted;
 - (e) If the repainting operation has been in compliance for the semiannual period, a statement signed by the responsible official that the operation was in compliance with the applicable standards.
 Reports are not required to include the information above for operations only involving the repainting of parts or units normally removed from the aerospace vehicle for repainting, except for repainting of wings and stabilizers which must be included in these reports.
17. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

18. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
19. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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EQUIPMENT ADDRESS

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Abrasive Blast Facility (90'x'56'x25') consisting of four operating nozzles including media storage hopper and pressure vessel assemblies. Media Recovery consists of two floor trenches, pneumatic conveying system with recovery storage hopper, high density particle separation (HDPS) system with cyclone separation, rotary airlock, ionizer, screen classifiers, and three waste drums connected to 3 dust collectors. Filtration system consists of 180 cartridge (airwall) filters containing cartridge filters with a minimum capture efficiency of 99.9% at 5 microns. Airwall is exhausted through 2 VFD roof fans at 50,000 cfm each. Located in building 468.

Functional Group: Aircraft Repairs/Overhaul.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [02B] Abrasive Blasting Cabinet

BEC: APCD2013-CON-000683

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Emissions of particulate matter from the exhaust stack of the equipment shall not exceed 0.10 grain per dry standard cubic foot (0.23 grams per dry standard cubic meter) of gas. Compliance with all other conditions of this permit shall establish compliance with this requirement, unless other data such as source testing results indicates an exceedance. Periodic source testing is not required to determine compliance with this limit, unless requested in writing by the District based on information indicating that emissions are in excess of this limit. (Rule 52(d))



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2. Air pollution control equipment shall be maintained in good operating condition in accordance with manufacturer's instructions or a site specific operations and maintenance (O&M) plan. All applicable control equipment shall be in full operation at all times when the process equipment is in operation. Manufacturer's instructions and specifications or a site specific O&M pertaining to the operation and maintenance of this equipment shall be maintained on site and made available to District personnel upon request. [Rule 52]
3. All process and storage equipment with air pollution control equipment shall be maintained and operated so that there is no leakage (0% opacity during operation and free of accumulated dust when not in operation) of air contaminants to the atmosphere prior to their treatment in the air pollution control system. [Rule 52]
4. Only Farr Ten-Kay, Clark ProTura or equivalent filters as determined by the manufacturer shall be used in the air wall, bin vent and HDPS dust collectors. The owner or operator must obtain written approval from the District prior to using any filters other than Farr Ten-Kay or Clark ProTura. The owner or operator must maintain manufacturer records demonstrating the equivalency of any other filters used in this equipment. The records for a given filter type shall be maintained on site for at least as long as that filter type is in use. [Rules 10 and 52]
5. Dust shall be removed from blasted objects prior to removing them from the blast room. [Rule 52]
6. Blast room ventilation and filter system shall remain in operation at least 5 minutes after blasting operations have ceased to clear the blast room air prior to opening the blast room doors. [Rule 21]
7. The air wall dust collector shall be equipped with a differential pressure gauge which is maintained operational at all times when the equipment is in operation. The gauge reading shall be noted in a log book during each shift of equipment use. Explanation of the cause of pressure falling outside the range, and all corrective actions shall be noted in the log book on the day of the activity. (Rule 52, 40 CFR 63.751(d))
8. The differential pressure reading across the airwall shall be between 0.5 and 3.5 inches of water when blasting objects in this blast room. (Rule 52)
9. If the pressure drop is outside the limit(s) specified in this permit, the equipment shall be shut down immediately and corrective action taken. The operation shall not be resumed until the pressure drop is returned to the specified limit. This requirement does not apply to the depainting of radomes and parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which are subject to these requirements. (40 CFR 63.746(b)(4)(v))
10. Only plastic abrasive blast media shall be used with this equipment. [Rules 10 and 52]
11. Vacuuming and sweeping for housekeeping purposes shall only be performed with the air pollution control system operating and the blast room doors closed. [Rule 52]
12. The HDPS overflow bin shall be evacuated at the end of each shift if any material has accumulated in it. [Rule 52]
13. The owner or operator shall record dates and results of filter system testing and maintenance activities required by this permit. Such records shall be maintained on site for a period of no less than five years and be made available to the District upon request. [Rule 52]
14. The dry particulate control system for this equipment shall be certified by the filter manufacturer, distributor, booth supplier and/or facility owner or operator to meet a minimum filtration efficiency no less than described in Tables 4 and 5 of 40 CFR 63.745. The certification shall be based on particulate control efficiency test data established using a test method which meets the requirements of Method 319 in Appendix A of 40 CFR 63 for any specific filter used in the equipment. The owner or operator shall maintain a record of manufacturer specifications or similar document which states the particulate control efficiency for all filters used in the particulate control system which are used as part of meeting this requirement, and shall make these specifications and any other information used to certify the control system available to District personnel upon request. This requirement does not apply during the depainting of radomes and parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which are subject to these requirements. (40 CFR 63.746(b)(4)(ii)(B))



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- 15. For each period of malfunction of this equipment, the owner or operator shall maintain the following records: (a) the method that malfunctioned; (b) date of malfunction; (c) description of malfunction; (d) method used for repainting of aircraft during malfunction; (e) dates that alternative repainting operations started and ended; (f) date malfunction was corrected. This requirement does not apply to malfunctions which occur during the repainting of parts or units normally removed from the aerospace vehicle for repainting, except for repainting of wings and stabilizers which are subject to these requirements.(40 CFR 63.752(e))
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 - (c) All periods where the dust control differential pressure was outside the limit(s) specified by the filter or booth manufacturer or in locally prepared operational procedures and the equipment was not shut down;
 - (d) A list of new and discontinued aircraft models repainted at the facility over the last 6 months and a list of the parts normally removed for repainting for each new aircraft model being repainted;
 - (e) If the repainting operation has been in compliance for the semiannual period, a statement signed by the responsible official that the operation was in compliance with the applicable standards.
 Reports are not required to include the information above for operations only involving the repainting of parts or units normally removed from the aerospace vehicle for repainting, except for repainting of wings and stabilizers which must be included in these reports.
- 17. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

- 18. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
- 19. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131-1649
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www.sdapcd.org

PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2018-PTO-003144

Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Boiler 1 (Building 250): Make Clayton, Model (SS)SFG200M-2-FMB, S/N 25788, with 8.165 MMBtu/hour Clayton natural gas low NOx burner.

Functional Group: Aircraft Repairs/Overhaul

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [92F] NOx and CO Source Test
 1 [13A] Boiler/Heater

BEC: APCD2018-CON-001489

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. This equipment shall be properly maintained and kept in good operating condition at all times in accordance with manufacturer's instructions. These instructions shall be kept onsite. (Rules 20, 21,1421)
2. This equipment shall be operated on natural gas only. (Rule 20.3(d), 40 CFR Part 63 Subpart DDDDD)
3. Emissions of Oxide of Nitrogen (NOx), calculated as Nitrogen Dioxide at 3% Oxygen on a dry basis, shall not exceed 9 parts per million by volume. [Rule 20.3]
4. Emissions of Carbon Monoxide (CO), calculated at 3% Oxygen on a dry basis, shall not exceed 50 parts per million by volume. (Rule 20.3)



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5. This equipment shall be source tested once each permit year (annual source test) to demonstrate compliance with the emission standards contained in this permit. For the purposes of this permit, a permit year is the 12-month period ending on the last day of the permit expiration month. It is the responsibility of the permittee to schedule the source test with the District. The source test shall be performed or witnessed by the District. Each annual source test shall be separated by at least 90 days from any annual source test performed in a different permit year. (Rule 69.2, Rule 20.3(d))
6. The owner or operator of the equipment shall keep a maintenance log listing the date(s) and type(s) of maintenance performed on the boiler. All repairs or modifications made to the flue gas recirculation system and/or low-NOx burner shall be recorded on the day it occurs. [Rule 69.2, Rule 21, Rule 1421]
7. All records required by this permit for a minimum of three calendar years. These records shall be maintained on site and made available to the District upon request. [Rule 69.2]
8. The boiler shall be tuned biennially in accordance with manufacturer's specifications or the boiler servicing company's tuning procedures. An initial tune-up shall be conducted no later than 25 months after the initial startup of the boiler. Each biennial tune-up shall be conducted no later than 25 months after the previous tune-up. (40 CFR- Part 63- Subpart DDDDD)
9. The owner or operator shall submit a biennial compliance report as required by 40 CFR Part 63, Subpart DDDDD which includes:
 - a. Company and facility name and address.
 - b. Boiler information, applicable emissions limitations and applicable operating parameter limitations.
 - c. Date of report and beginning and ending dates of the reporting period.
 - d. The date of the most recent tune-up, including the date of the most recent burner inspection if it was not done biennially and was delayed until the next scheduled or unscheduled unit shutdown.
 - e. A statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.
 The biennial compliance report shall be postmarked or submitted no later than January 31 of the year following the year in which a tune-up is performed.
 (40 CFR- Part 63- Subpart DDDDD)
10. Records of each report shall be maintained for at least five years in a form suitable and readily available for inspection and review following the date of each report. The records shall be kept on site or be accessible from on site for at least two years after the date of each report. The records can be kept off site for the remaining three years.
 (40 CFR- Part 63- Subpart DDDDD)
11. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

12. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
13. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Boiler 2 (Building 250):,Make Clayton, Model (SS)SFG200M-2-FMB, S/N 25787, with 8.165 MMBtu/hour Clayton natural gas low NOx burner.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [92F] NOx and CO Source Test
 1 [13A] Boiler/Heater

BEC: APCD2018-CON-001489

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. This equipment shall be properly maintained and kept in good operating condition at all times in accordance with manufacturer's instructions. These instructions shall be kept onsite. (Rules 20, 21,1421)
2. This equipment shall be operated on natural gas only. (Rule 20.3(d), 40 CFR Part 63 Subpart DDDDD)
3. Emissions of Oxide of Nitrogen (NOx), calculated as Nitrogen Dioxide at 3% Oxygen on a dry basis, shall not exceed 9 parts per million by volume. [Rule 20.3]
4. Emissions of Carbon Monoxide (CO), calculated at 3% Oxygen on a dry basis, shall not exceed 50 parts per million by volume. (Rule 20.3)
5. This equipment shall be source tested once each permit year (annual source test) to demonstrate compliance with the emission standards contained in this permit. For the purposes of this permit, a permit year is the 12-month period ending on the last day of the permit expiration month. It is the responsibility of the permittee to schedule the source test with the District. The source test shall be performed or witnessed by the District. Each annual source test shall be separated by at least 90 days from any annual source test performed in a different permit year. (Rule 69.2, Rule 20.3(d))



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6. The owner or operator of the equipment shall keep a maintenance log listing the date(s) and type(s) of maintenance performed on the boiler. All repairs or modifications made to the flue gas recirculation system and/or low-NOx burner shall be recorded on the day it occurs. [Rule 69.2, Rule 21, Rule 1421]
7. All records required by this permit for a minimum of three calendar years. These records shall be maintained on site and made available to the District upon request. [Rule 69.2]
8. The boiler shall be tuned biennially in accordance with manufacturer's specifications or the boiler servicing company's tuning procedures. An initial tune-up shall be conducted no later than 25 months after the initial startup of the boiler. Each biennial tune-up shall be conducted no later than 25 months after the previous tune-up. (40 CFR- Part 63- Subpart DDDDD)
9. The owner or operator shall submit a biennial compliance report as required by 40 CFR Part 63, Subpart DDDDD which includes:
 - a. Company and facility name and address.
 - b. Boiler information, applicable emissions limitations and applicable operating parameter limitations.
 - c. Date of report and beginning and ending dates of the reporting period.
 - d. The date of the most recent tune-up, including the date of the most recent burner inspection if it was not done biennially and was delayed until the next scheduled or unscheduled unit shutdown.
 - e. A statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.The biennial compliance report shall be postmarked or submitted no later than January 31 of the year following the year in which a tune-up is performed.
(40 CFR- Part 63- Subpart DDDDD)
10. Records of each report shall be maintained for at least five years in a form suitable and readily available for inspection and review following the date of each report. The records shall be kept on site or be accessible from on site for at least two years after the date of each report. The records can be kept off site for the remaining three years.
(40 CFR- Part 63- Subpart DDDDD)
11. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

12. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
13. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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Site ID: APCD1978-SITE-02756
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PERMIT ID

APCD2018-PTO-003146


Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Boiler 1 (Building 472): Make Clayton, Model (SS)SFG200M-2-FMB, S/N 25776, with 8.165 MMBtu/hour Clayton natural gas low NOx burner.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [92F] NOx and CO Source Test
 1 [13A] Boiler/Heater

BEC: APCD2018-CON-001489

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. This equipment shall be properly maintained and kept in good operating condition at all times in accordance with manufacturer's instructions. These instructions shall be kept onsite. (Rules 20, 21,1421)
2. This equipment shall be operated on natural gas only. (Rule 20.3(d), 40 CFR Part 63 Subpart DDDDD)
3. Emissions of Oxide of Nitrogen (NOx), calculated as Nitrogen Dioxide at 3% Oxygen on a dry basis, shall not exceed 9 parts per million by volume. [Rule 20.3]
4. Emissions of Carbon Monoxide (CO), calculated at 3% Oxygen on a dry basis, shall not exceed 50 parts per million by volume. (Rule 20.3)
5. This equipment shall be source tested once each permit year (annual source test) to demonstrate compliance with the emission standards contained in this permit. For the purposes of this permit, a permit year is the 12-month period ending on the last day of the permit expiration month. It is the responsibility of the permittee to schedule the source test with the District. The source test shall be performed or witnessed by the District. Each annual source test shall be separated by at least 90 days from any annual source test performed in a different permit year. (Rule 69.2, Rule 20.3(d))



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6. The owner or operator of the equipment shall keep a maintenance log listing the date(s) and type(s) of maintenance performed on the boiler. All repairs or modifications made to the flue gas recirculation system and/or low-NOx burner shall be recorded on the day it occurs. [Rule 69.2, Rule 21, Rule 1421]
7. All records required by this permit for a minimum of three calendar years. These records shall be maintained on site and made available to the District upon request. [Rule 69.2]
8. The boiler shall be tuned biennially in accordance with manufacturer's specifications or the boiler servicing company's tuning procedures. An initial tune-up shall be conducted no later than 25 months after the initial startup of the boiler. Each biennial tune-up shall be conducted no later than 25 months after the previous tune-up. (40 CFR- Part 63- Subpart DDDDD)
9. The owner or operator shall submit a biennial compliance report as required by 40 CFR Part 63, Subpart DDDDD which includes:
 - a. Company and facility name and address.
 - b. Boiler information, applicable emissions limitations and applicable operating parameter limitations.
 - c. Date of report and beginning and ending dates of the reporting period.
 - d. The date of the most recent tune-up, including the date of the most recent burner inspection if it was not done biennially and was delayed until the next scheduled or unscheduled unit shutdown.
 - e. A statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.
 The biennial compliance report shall be postmarked or submitted no later than January 31 of the year following the year in which a tune-up is performed.
 (40 CFR- Part 63- Subpart DDDDD)
10. Records of each report shall be maintained for at least five years in a form suitable and readily available for inspection and review following the date of each report. The records shall be kept on site or be accessible from on site for at least two years after the date of each report. The records can be kept off site for the remaining three years.
 (40 CFR- Part 63- Subpart DDDDD)
11. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

12. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
13. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Boiler 2 (Building 472): Make Clayton, Model (SS)SFG200M-2-FMB, S/N 25777, with 8.165 MMBtu/hour Clayton natural gas low NOx burner.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [92F] NOx and CO Source Test
 1 [13A] Boiler/Heater

BEC: APCD2018-CON-001489

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. This equipment shall be properly maintained and kept in good operating condition at all times in accordance with manufacturer's instructions. These instructions shall be kept onsite. (Rules 20, 21,1421)
2. This equipment shall be operated on natural gas only. (Rule 20.3(d), 40 CFR Part 63 Subpart DDDDD)
3. Emissions of Oxide of Nitrogen (NOx), calculated as Nitrogen Dioxide at 3% Oxygen on a dry basis, shall not exceed 9 parts per million by volume. [Rule 20.3]
4. Emissions of Carbon Monoxide (CO), calculated at 3% Oxygen on a dry basis, shall not exceed 50 parts per million by volume. (Rule 20.3)
5. This equipment shall be source tested once each permit year (annual source test) to demonstrate compliance with the emission standards contained in this permit. For the purposes of this permit, a permit year is the 12-month period ending on the last day of the permit expiration month. It is the responsibility of the permittee to schedule the source test with the District. The source test shall be performed or witnessed by the District. Each annual source test shall be separated by at least 90 days from any annual source test performed in a different permit year. (Rule 69.2, Rule 20.3(d))



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6. The owner or operator of the equipment shall keep a maintenance log listing the date(s) and type(s) of maintenance performed on the boiler. All repairs or modifications made to the flue gas recirculation system and/or low-NOx burner shall be recorded on the day it occurs. [Rule 69.2, Rule 21, Rule 1421]
7. All records required by this permit for a minimum of three calendar years. These records shall be maintained on site and made available to the District upon request. [Rule 69.2]
8. The boiler shall be tuned biennially in accordance with manufacturer's specifications or the boiler servicing company's tuning procedures. An initial tune-up shall be conducted no later than 25 months after the initial startup of the boiler. Each biennial tune-up shall be conducted no later than 25 months after the previous tune-up. (40 CFR- Part 63- Subpart DDDDD)
9. The owner or operator shall submit a biennial compliance report as required by 40 CFR Part 63, Subpart DDDDD which includes:
 - a. Company and facility name and address.
 - b. Boiler information, applicable emissions limitations and applicable operating parameter limitations.
 - c. Date of report and beginning and ending dates of the reporting period.
 - d. The date of the most recent tune-up, including the date of the most recent burner inspection if it was not done biennially and was delayed until the next scheduled or unscheduled unit shutdown.
 - e. A statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.
 The biennial compliance report shall be postmarked or submitted no later than January 31 of the year following the year in which a tune-up is performed.
 (40 CFR- Part 63- Subpart DDDDD)
10. Records of each report shall be maintained for at least five years in a form suitable and readily available for inspection and review following the date of each report. The records shall be kept on site or be accessible from on site for at least two years after the date of each report. The records can be kept off site for the remaining three years.
 (40 CFR- Part 63- Subpart DDDDD)
11. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

12. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
13. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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PERMIT ID

APCD2018-PTO-003148


Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Boiler 1 (Building 465): Make Clayton, Model (SS)SFG200M-2-FMB, S/N 25768, with 8.165 MMBtu/hour Clayton natural gas low NOx burner.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [92F] NOx and CO Source Test
 1 [13A] Boiler/Heater

BEC: APCD2018-CON-001489

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. This equipment shall be properly maintained and kept in good operating condition at all times in accordance with manufacturer's instructions. These instructions shall be kept onsite. (Rules 20, 21,1421)
2. This equipment shall be operated on natural gas only. (Rule 20.3(d), 40 CFR Part 63 Subpart DDDDD)
3. Emissions of Oxide of Nitrogen (NOx), calculated as Nitrogen Dioxide at 3% Oxygen on a dry basis, shall not exceed 9 parts per million by volume. [Rule 20.3]
4. Emissions of Carbon Monoxide (CO), calculated at 3% Oxygen on a dry basis, shall not exceed 50 parts per million by volume. (Rule 20.3)
5. This equipment shall be source tested once each permit year (annual source test) to demonstrate compliance with the emission standards contained in this permit. For the purposes of this permit, a permit year is the 12-month period ending on the last day of the permit expiration month. It is the responsibility of the permittee to schedule the source test with the District. The source test shall be performed or witnessed by the District. Each annual source test shall be separated by at least 90 days from any annual source test performed in a different permit year. (Rule 69.2, Rule 20.3(d))



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6. The owner or operator of the equipment shall keep a maintenance log listing the date(s) and type(s) of maintenance performed on the boiler. All repairs or modifications made to the flue gas recirculation system and/or low-NOx burner shall be recorded on the day it occurs. [Rule 69.2, Rule 21, Rule 1421]
7. All records required by this permit for a minimum of three calendar years. These records shall be maintained on site and made available to the District upon request. [Rule 69.2]
8. The boiler shall be tuned biennially in accordance with manufacturer's specifications or the boiler servicing company's tuning procedures. An initial tune-up shall be conducted no later than 25 months after the initial startup of the boiler. Each biennial tune-up shall be conducted no later than 25 months after the previous tune-up. (40 CFR- Part 63- Subpart DDDDD)
9. The owner or operator shall submit a biennial compliance report as required by 40 CFR Part 63, Subpart DDDDD which includes:
 - a. Company and facility name and address.
 - b. Boiler information, applicable emissions limitations and applicable operating parameter limitations.
 - c. Date of report and beginning and ending dates of the reporting period.
 - d. The date of the most recent tune-up, including the date of the most recent burner inspection if it was not done biennially and was delayed until the next scheduled or unscheduled unit shutdown.
 - e. A statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.
 The biennial compliance report shall be postmarked or submitted no later than January 31 of the year following the year in which a tune-up is performed.
 (40 CFR- Part 63- Subpart DDDDD)
10. Records of each report shall be maintained for at least five years in a form suitable and readily available for inspection and review following the date of each report. The records shall be kept on site or be accessible from on site for at least two years after the date of each report. The records can be kept off site for the remaining three years.
 (40 CFR- Part 63- Subpart DDDDD)
11. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

12. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
13. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131-1649
PHONE (858) 586-2600 Fax (858) 586-2601
www.sdapcd.org

PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2018-PTO-003149


Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Boiler 2 (Building 465): Make Clayton, Model (SS)SFG200M-2-FMB, S/N 25767, with 8.165 MMBtu/hour Clayton natural gas low NOx burner.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [92F] NOx and CO Source Test
 1 [13A] Boiler/Heater

BEC: APCD2018-CON-001489

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. This equipment shall be properly maintained and kept in good operating condition at all times in accordance with manufacturer's instructions. These instructions shall be kept onsite. (Rules 20, 21,1421)
2. This equipment shall be operated on natural gas only. (Rule 20.3(d), 40 CFR Part 63 Subpart DDDDD)
3. Emissions of Oxide of Nitrogen (NOx), calculated as Nitrogen Dioxide at 3% Oxygen on a dry basis, shall not exceed 9 parts per million by volume. [Rule 20.3]
4. Emissions of Carbon Monoxide (CO), calculated at 3% Oxygen on a dry basis, shall not exceed 50 parts per million by volume. (Rule 20.3)
5. This equipment shall be source tested once each permit year (annual source test) to demonstrate compliance with the emission standards contained in this permit. For the purposes of this permit, a permit year is the 12-month period ending on the last day of the permit expiration month. It is the responsibility of the permittee to schedule the source test with the District. The source test shall be performed or witnessed by the District. Each annual source test shall be separated by at least 90 days from any annual source test performed in a different permit year. (Rule 69.2, Rule 20.3(d))



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6. The owner or operator of the equipment shall keep a maintenance log listing the date(s) and type(s) of maintenance performed on the boiler. All repairs or modifications made to the flue gas recirculation system and/or low-NOx burner shall be recorded on the day it occurs. [Rule 69.2, Rule 21, Rule 1421]
7. All records required by this permit for a minimum of three calendar years. These records shall be maintained on site and made available to the District upon request. [Rule 69.2]
8. The boiler shall be tuned biennially in accordance with manufacturer's specifications or the boiler servicing company's tuning procedures. An initial tune-up shall be conducted no later than 25 months after the initial startup of the boiler. Each biennial tune-up shall be conducted no later than 25 months after the previous tune-up. (40 CFR- Part 63- Subpart DDDDD)
9. The owner or operator shall submit a biennial compliance report as required by 40 CFR Part 63, Subpart DDDDD which includes:
 - a. Company and facility name and address.
 - b. Boiler information, applicable emissions limitations and applicable operating parameter limitations.
 - c. Date of report and beginning and ending dates of the reporting period.
 - d. The date of the most recent tune-up, including the date of the most recent burner inspection if it was not done biennially and was delayed until the next scheduled or unscheduled unit shutdown.
 - e. A statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.
 The biennial compliance report shall be postmarked or submitted no later than January 31 of the year following the year in which a tune-up is performed.
 (40 CFR- Part 63- Subpart DDDDD)
10. Records of each report shall be maintained for at least five years in a form suitable and readily available for inspection and review following the date of each report. The records shall be kept on site or be accessible from on site for at least two years after the date of each report. The records can be kept off site for the remaining three years.
 (40 CFR- Part 63- Subpart DDDDD)
11. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

12. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
13. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2023-PTO-004736

Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Environmental Programs
 NAS North Island
 Building 445
 San Diego CA 92135-7058

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Boiler Manufacturer: Clayton,
 Model SS-SFG-150M-2-FMB,
 S/N 26170,
 Maximum Rated Heat Input: 6.2 MMBtu/hour,
 Fuel: Natural Gas only with inline mass flow meter,
 Equipped with low NOx burner.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [13A] Boiler/Heater

BEC: APCD2023-CON-002043

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. This equipment shall be properly maintained and kept in good operating condition at all times in accordance with manufacturer's instructions. These instructions shall be kept onsite. [Rule 20, 21, 1421]
2. The boiler shall be operated on natural gas only. No other fuel shall be used without prior written authorization from the District. [Rule 20.3(d), 40 CFR Part 63 Subpart DDDDD]
3. The Boiler shall have a non-resettable, totalizing meter in the fuel line to measure the mass flow rate of each fuel. [Rule 21, Rule 1421]
4. Natural gas usage shall not exceed 220,000 therms per calendar year. This is an amount equal to 21,568,627 cubic feet of natural gas per calendar year at standard pressure (14.7 psia) based on typical heating values defined by the local gas utility. [Rule 69.2]



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Site ID: APCD1978-SITE-02756
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PERMIT ID

APCD2023-PTO-004736


5. The boiler shall be tuned at least once per calendar year in accordance with manufacturer's specifications or boiler servicing company's tuning procedures. Permittee shall be responsible for all boiler tuning and costs incurred. [Rule 69.2]
6. The owner or operator of the equipment shall keep a maintenance log listing the date(s) and type(s) of maintenance performed on the boiler. All repairs or modifications made to the flue gas recirculation system and/or low-NOx burner shall be recorded on the day it occurs. [Rule 69.2]
7. All records required by this permit, including annual fuel usages and tune-up documentation, shall be maintained on site for a minimum of three years and made available to District personnel upon request. [Rule 69.2]
8. The owner or operator shall submit a biennial compliance report as required by 40 CFR Part 63, Subpart DDDDD which includes:
 - a. Company and facility name and address.
 - b. Boiler information, applicable emissions limitations and applicable operating parameter limitations.
 - c. Date of report and beginning and ending dates of the reporting period.
 - d. The date of the most recent tune-up, including the date of the most recent burner inspection if it was not done biennially and was delayed until the next scheduled or unscheduled unit shutdown.
 - e. A statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.The biennial compliance report shall be postmarked or submitted no later than January 31 of the year following the year in which a tune-up is performed.
(40 CFR- Part 63- Subpart DDDDD)
9. Records of each report shall be maintained for at least five years in a form suitable and readily available for inspection and review following the date of each report. The records shall be kept on site or be accessible from on site for at least two years after the date of each report. The records can be kept off site for the remaining three years.
(40 CFR- Part 63- Subpart DDDDD)
10. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

11. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
12. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2023-PTO-004737

Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Environmental Programs
 NAS North Island
 Building 445
 San Diego CA 92135-7058

PERMIT TO OPERATE

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The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Boiler Manufacturer: Clayton,
 Model SS-SFG-150M-2-FMB,
 S/N 26171,
 Maximum Rated Heat Input: 6.2 MMBtu/hour,
 Fuel: Natural Gas only with inline mass flow meter,
 Equipped with low NOx burner.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [13A] Boiler/Heater

BEC: APCD2023-CON-002043

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. This equipment shall be properly maintained and kept in good operating condition at all times in accordance with manufacturer's instructions. These instructions shall be kept onsite. [Rule 20, 21, 1421]
2. The boiler shall be operated on natural gas only. No other fuel shall be used without prior written authorization from the District. [Rule 20.3(d), 40 CFR Part 63 Subpart DDDDD]
3. The Boiler shall have a non-resettable, totalizing meter in the fuel line to measure the mass flow rate of each fuel. [Rule 21, Rule 1421]
4. Natural gas usage shall not exceed 220,000 therms per calendar year. This is an amount equal to 21,568,627 cubic feet of natural gas per calendar year at standard pressure (14.7 psia) based on typical heating values defined by the local gas utility. [Rule 69.2]



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Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2023-PTO-004737


5. The boiler shall be tuned at least once per calendar year in accordance with manufacturer's specifications or boiler servicing company's tuning procedures. Permittee shall be responsible for all boiler tuning and costs incurred. [Rule 69.2]
6. The owner or operator of the equipment shall keep a maintenance log listing the date(s) and type(s) of maintenance performed on the boiler. All repairs or modifications made to the flue gas recirculation system and/or low-NOx burner shall be recorded on the day it occurs. [Rule 69.2]
7. All records required by this permit, including annual fuel usages and tune-up documentation, shall be maintained on site for a minimum of three years and made available to District personnel upon request. [Rule 69.2]
8. The owner or operator shall submit a biennial compliance report as required by 40 CFR Part 63, Subpart DDDDD which includes:
 - a. Company and facility name and address.
 - b. Boiler information, applicable emissions limitations and applicable operating parameter limitations.
 - c. Date of report and beginning and ending dates of the reporting period.
 - d. The date of the most recent tune-up, including the date of the most recent burner inspection if it was not done biennially and was delayed until the next scheduled or unscheduled unit shutdown.
 - e. A statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.The biennial compliance report shall be postmarked or submitted no later than January 31 of the year following the year in which a tune-up is performed.
(40 CFR- Part 63- Subpart DDDDD)
9. Records of each report shall be maintained for at least five years in a form suitable and readily available for inspection and review following the date of each report. The records shall be kept on site or be accessible from on site for at least two years after the date of each report. The records can be kept off site for the remaining three years.
(40 CFR- Part 63- Subpart DDDDD)
10. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

11. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
12. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD2018-APP-005430

PERMIT ID

APCD2020-PTO-003606

Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Chemical Passivation Tank (mechanically agitated):
 Dimensions: 14.4ft x 4.75ft x 6.66 ft
 Bath Temp: up to 150 degrees Fahrenheit
 No electric current
 Tank solution (up to 5% sodium dichromate and up to 30% nitric acid solution)

Functional Group: Aircraft Repairs/Overhaul

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [91A] Miscellaneous

BEC: APCD2020-CON-001759

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. At no time shall the subject equipment cause or contribute to a public nuisance as specified in District Rule 51. If compliance with Rule 51 cannot be demonstrated to the satisfaction of the District, the permittee will take whatever corrective action necessary to meet applicable requirements. If corrective action requires any physical change or modification to the subject equipment the permittee shall apply for and obtain an Authority to Construct for all such modifications prior to making any physical change. (Rule 51)
2. At no time shall a current be applied to the components while submerged in the solution. (Rule 1200, 40 CFR 63 subpart N, 17 CCR § 93102)
8. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]



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Site ID: APCD1978-SITE-02756
App ID: APCD2018-APP-005430

PERMIT ID

APCD2020-PTO-003606



B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

3. The number of process loads treated in the chromate conversion tank shall not exceed 20,800 in any consecutive 12-month period. (Rule 1200)
4. Monthly and consecutive 12-month records of the number of process loads treated for the subject equipment shall be maintained at the facility for at least three years and shall be made available to district personnel upon request. (Rule 1200)
5. If the equipment is equipped with a heater, the temperature of the chromate conversion tank, solution or parts, shall not exceed 150 F during operation as demonstrated by a functional temperature gauge displaying the temperature of the solution. (Rule 1200)
6. If the equipment is equipped with a heater, the date and maximum operating temperature (in °F) shall be recorded for each day the chromate conversion coating tank solution is heated. These records shall be maintained on site for three years and made available to District personnel upon request. (Rule 1200)
7. Records of the annual usage, name, type, manufacturer and composition of each material added to the tank shall be maintained on site for three years and made available to District personnel upon request. (Rule 1200)
9. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
10. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD2001-APP-976191

PERMIT ID

APCD2007-PTO-911471


Fleet Readiness Center Southwest / Co
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 P.O. Box 357058, Code KN61 , Bldg 90-
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EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

TWO CHROME ELECTRO-STRIPPING TANKS (P2-1 AND P2-2), BOTH 900 GALLONS (65" X 41" X 81") USING AN ALKALINE SOLUTION OF TETRA POTASSIUM PYRO-PHOSPHATE, PH 9-13, BOTH TANKS CONTROLLED BY A KCH HEDRON I-6000 FUME SCRUBBER WITH A RATED CAPACITY OF 6000 CFM. REVISION DATE 6-1-02 (980141 ALC 03/05)

Functional Group: Aircraft Repairs/Overhaul

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [91A] Miscellaneous

BEC: 13106

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Emissions of particulate matter from the exhaust stack of the equipment shall not exceed 0.10 grain per dry standard cubic foot (0.23 grams per dry standard cubic meter) of gas. Periodic source testing is not required to determine compliance with this limit, unless requested in writing by the District based on information indicating that emissions are in excess of this limit. (Rule 52(d))
5. At no time shall the subject equipment cause or contribute to a nuisance as specified in District Rule 51. If compliance with Rule 51 cannot be demonstrated to the satisfaction of the District, the applicant will take whatever corrective action necessary to meet applicable requirements. If corrective action requires any physical change or modification to the subject equipment, the applicant shall apply for and obtain an Authority to Construct for all such modifications. (Rule 51)
11. Operation must be in compliance with all information provided in conjunction with this application and the performance conditions listed above. [Rule 20]



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PERMIT ID

APCD2007-PTO-911471


12. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

2. Electrical current usage shall not exceed 2,100,000 Ampere-hours per consecutive 12 month period for all chrome electro-stripping tanks combined. (Rule 1200)
3. The electro-chrome stripping tanks shall not be air agitated. (Rule 1200)
4. At no time shall any portion of the electro-stripping tank solution boil in a manner that produces bubbles that burst at the top of the tank solution. (Rule 1200)
6. The scrubber and associated ventilation equipment shall be operated whenever chrome stripping equipment is operated. The scrubber shall be operated and maintained in accordance with the manufacturer's specifications which shall be maintained on site and provided to District personnel upon request. (Rule 1200)
7. The electro-stripping tanks shall be equipped with a permanently connected, non-resettable, totalizing Ampere-hour meter that measures electro-stripping current integrated over time. The totalizing Ampere-hour meter shall be installed, calibrated, operated and maintained properly and according to manufacturer's specifications. (Rule 1200)
8. The fume scrubber shall have a continuous flow of re-circulation liquid solution at all times during electro-stripping operations. (Rule 1200)
9. The fume scrubber shall be equipped with a volumetric flow measuring device indicating the instantaneous flow of make-up liquid solution to the scrubber. The make-up flow shall be 0.1 gallons per minute or greater at all times during electro-stripping operations. Daily make-up flow records shall be kept on site for at least 3 years and made available to district personnel upon request. (Rule 1200)
10. Records of the total monthly usage of electricity in units of Ampere-hours for electro-stripping tanks served by the emission control system shall be maintained at the stationary source for at least 3 years and shall be made available to District personnel upon request. (Rule 1200)
13. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
14. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004032

PERMIT ID

APCD2003-PTO-971079


Fleet Readiness Center Southwest / Co
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EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

One (1) chromate conversion coating tank, with a capacity of 2,600 gallons, air agitation capability and using a solution containing sodium dichromate in Building 472.

Functional Group: Aircraft Repairs/Overhaul

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [55D] Chromate Conversion Coating Tank

BEC: APCD2015-CON-001085

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. At no time shall the subject equipment cause or contribute to a public nuisance as specified in District Rule 51. If compliance with Rule 51 cannot be demonstrated to the satisfaction of the District, the permittee will take whatever corrective action necessary to meet applicable requirements. If corrective action requires any physical change or modification to the subject equipment the permittee shall apply for and obtain an Authority to Construct for all such modifications prior to making any physical change. (Rule 51)
2. At no time shall a current be applied to the components while submerged in the chromate conversion coating solution. (Ruler 1200, 40 CFR 63 subpart N, 17 CCR § 93102)
3. The air agitation system for this equipment shall not be operated (Rule 1200).
4. The chromate conversion coating tank solution shall not be heated above 205 °F. At no time shall any portion of the chromate conversion coating tank solution boil. (Ruler 1200, 40 CFR 63 subpart N, 17 CCR § 93102)



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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004032

PERMIT ID

APCD2003-PTO-971079



5. The date and maximum operating temperature (in °F) shall be recorded for each day the chromate conversion coating tank solution is heated. These records shall be maintained on site for three years and made available to District personnel upon request. (Ruler 1200, 40 CFR 63 subpart N, 17 CCR § 93102)
7. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

6. Records of the annual usage, name, type, manufacturer and composition of each material added to the chromate conversion coating tank shall be maintained on site for three years and made available to District personnel upon request. (Rule 1200)
8. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
9. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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Site ID: APCD1978-SITE-02756
App ID: APCD2025-APP-008642

PERMIT ID

APCD2003-PTO-971081


Fleet Readiness Center Southwest, Envi
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code 52100, Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

One Chromate Conversion Coating Tank, Tank C3-14, (173" X 53" X 80") with a capacity of 3,300 gallons, with mechanical pump, no heat, and using a solution containing trivalent chromium. Bldg 472

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [55D] Chromate Conversion Coating Tank

BEC: APCD2025-CON-002263

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. At no time shall the subject equipment cause or contribute to a nuisance as specified in District Rule 51. If compliance with Rule 51 cannot be demonstrated to the satisfaction of the District, the applicant will take whatever corrective action necessary to meet applicable requirements. If corrective action requires any physical change or modification to the subject equipment, the applicant shall apply for and obtain an Authority to Construct for all such modifications. (Rule 51)
2. At no time shall a current be applied to the components while submerged in the chromate conversion coating solution. (40 CFR 63 subpart N, 17 CCR § 93102)
3. Chromate conversion coating tank(s) shall not be air agitated. (40 CFR 63 subpart N, 17 CCR § 93102)
4. The chromate conversion solution shall not be heated in a manner that causes boiling and/or an acid mist to be released into the atmosphere. (40 CFR 63 subpart N, 17 CCR § 93102)
5. The date and maximum operating temperature (in deg F) shall be recorded for each day the chromate conversion coating tank solution is heated. These records shall be maintained on site for three years and made available to District personnel upon request. (40 CFR 63 subpart N, 17 CCR § 93102)



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7. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

6. Records of the annual usage, name, type, manufacturer and composition of each material added to the chromate conversion coating tank shall be maintained on site for three years and made available to District personnel upon request. (Rule 1200, 17 CCR § 93102)
8. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
9. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004824

PERMIT ID

APCD2008-PTO-910891


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EQUIPMENT ADDRESS

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Abrasive Blast Facility (90'x'56'x25') consisting of four operating nozzles including media storage hopper and pressure vessel assemblies. Media Recovery consists of two floor trenches, pneumatic conveying system with recovery storage hopper, high density particle separation (HDPS) system with cyclone separation, rotary airlock, ionizer, screen classifiers, and three waste drums connected to 3 dust collectors. Filtration system consists of 180 cartridge (airwall) filters containing cartridge filters with a minimum capture efficiency of 99.9% at 5 microns. Airwall is exhausted through 2 VFD roof fans at 50,000 cfm each. Located in building 468.

Functional Group: Aircraft Repairs/Overhaul.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [02B] Abrasive Blasting Cabinet

BEC: APCD2013-CON-000683

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Emissions of particulate matter from the exhaust stack of the equipment shall not exceed 0.10 grain per dry standard cubic foot (0.23 grams per dry standard cubic meter) of gas. Compliance with all other conditions of this permit shall establish compliance with this requirement, unless other data such as source testing results indicates an exceedance. Periodic source testing is not required to determine compliance with this limit, unless requested in writing by the District based on information indicating that emissions are in excess of this limit. (Rule 52(d))



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2. Air pollution control equipment shall be maintained in good operating condition in accordance with manufacturer's instructions or a site specific operations and maintenance (O&M) plan. All applicable control equipment shall be in full operation at all times when the process equipment is in operation. Manufacturer's instructions and specifications or a site specific O&M pertaining to the operation and maintenance of this equipment shall be maintained on site and made available to District personnel upon request. [Rule 52]
3. All process and storage equipment with air pollution control equipment shall be maintained and operated so that there is no leakage (0% opacity during operation and free of accumulated dust when not in operation) of air contaminants to the atmosphere prior to their treatment in the air pollution control system. [Rule 52]
4. Only Farr Ten-Kay, Clark ProTura or equivalent filters as determined by the manufacturer shall be used in the air wall, bin vent and HDPS dust collectors. The owner or operator must obtain written approval from the District prior to using any filters other than Farr Ten-Kay or Clark ProTura. The owner or operator must maintain manufacturer records demonstrating the equivalency of any other filters used in this equipment. The records for a given filter type shall be maintained on site for at least as long as that filter type is in use. [Rules 10 and 52]
5. Dust shall be removed from blasted objects prior to removing them from the blast room. [Rule 52]
6. Blast room ventilation and filter system shall remain in operation at least 5 minutes after blasting operations have ceased to clear the blast room air prior to opening the blast room doors. [Rule 21]
7. The air wall dust collector shall be equipped with a differential pressure gauge which is maintained operational at all times when the equipment is in operation. The gauge reading shall be noted in a log book during each shift of equipment use. Explanation of the cause of pressure falling outside the range, and all corrective actions shall be noted in the log book on the day of the activity. (Rule 52, 40 CFR 63.751(d))
8. The differential pressure reading across the airwall shall be between 0.5 and 3.5 inches of water when blasting objects in this blast room. (Rule 52)
9. If the pressure drop is outside the limit(s) specified in this permit, the equipment shall be shut down immediately and corrective action taken. The operation shall not be resumed until the pressure drop is returned to the specified limit. This requirement does not apply to the depainting of radomes and parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which are subject to these requirements. (40 CFR 63.746(b)(4)(v))
10. Only plastic abrasive blast media shall be used with this equipment. [Rules 10 and 52]
11. Vacuuming and sweeping for housekeeping purposes shall only be performed with the air pollution control system operating and the blast room doors closed. [Rule 52]
12. The HDPS overflow bin shall be evacuated at the end of each shift if any material has accumulated in it. [Rule 52]
13. The owner or operator shall record dates and results of filter system testing and maintenance activities required by this permit. Such records shall be maintained on site for a period of no less than five years and be made available to the District upon request. [Rule 52]
14. The dry particulate control system for this equipment shall be certified by the filter manufacturer, distributor, booth supplier and/or facility owner or operator to meet a minimum filtration efficiency no less than described in Tables 4 and 5 of 40 CFR 63.745. The certification shall be based on particulate control efficiency test data established using a test method which meets the requirements of Method 319 in Appendix A of 40 CFR 63 for any specific filter used in the equipment. The owner or operator shall maintain a record of manufacturer specifications or similar document which states the particulate control efficiency for all filters used in the particulate control system which are used as part of meeting this requirement, and shall make these specifications and any other information used to certify the control system available to District personnel upon request. This requirement does not apply during the depainting of radomes and parts or units normally removed from the aerospace vehicle for depainting, except for depainting of wings and stabilizers which are subject to these requirements. (40 CFR 63.746(b)(4)(ii)(B))



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15. For each period of malfunction of this equipment, the owner or operator shall maintain the following records: (a) the method that malfunctioned; (b) date of malfunction; (c) description of malfunction; (d) method used for repainting of aircraft during malfunction; (e) dates that alternative repainting operations started and ended; (f) date malfunction was corrected. This requirement does not apply to malfunctions which occur during the repainting of parts or units normally removed from the aerospace vehicle for repainting, except for repainting of wings and stabilizers which are subject to these requirements.(40 CFR 63.752(e))
16. The owner or operator shall submit semi-annual reports in accordance with 40 CFR 63.753(d). These reports shall include:
 - (a) Any instance the owner or operator fails to comply with an applicable standard;
 - (b) All records specified in this permit related to a malfunction of a repainting operation during the reporting period;
 - (c) All periods where the dust control differential pressure was outside the limit(s) specified by the filter or booth manufacturer or in locally prepared operational procedures and the equipment was not shut down;
 - (d) A list of new and discontinued aircraft models repainted at the facility over the last 6 months and a list of the parts normally removed for repainting for each new aircraft model being repainted;
 - (e) If the repainting operation has been in compliance for the semiannual period, a statement signed by the responsible official that the operation was in compliance with the applicable standards.
 Reports are not required to include the information above for operations only involving the repainting of parts or units normally removed from the aerospace vehicle for repainting, except for repainting of wings and stabilizers which must be included in these reports.
17. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

18. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
19. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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Site ID: APCD1978-SITE-02756
App ID: APCD2017-CCR-0054

PERMIT ID

APCD2003-PTO-971083


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PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

ONE CHROMATE CONVERSION COATING TANK, TANK P5-10, (65" X 41" X 80.25") WITH A CAPACITY OF 926 GALLONS, AIR AGITATION CAPABILITY AND USING A SOLUTION CONTAINING CHROMIC ACID. BLDG 472

Functional Group: Aircraft Repairs/Overhaul

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [55D] Chromate Conversion Coating Tank
 BEC: 12473

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. At no time shall the subject equipment cause or contribute to a public nuisance as specified in District Rule 51. If compliance with Rule 51 cannot be demonstrated to the satisfaction of the District, the permittee will take whatever corrective action necessary to meet applicable requirements. If corrective action requires any physical change or modification to the subject equipment the permittee shall apply for and obtain an Authority to Construct for all such modifications prior to making any physical change. (Rule 51)
2. At no time shall a current be applied to the components while submerged in the chromate conversion coating solution. (Rule 1200, 40 CFR 63 subpart N, 17 CCR § 93102)
4. At no time shall heat be applied to the chromate conversion coating solution. ((Rule 1200, 40 CFR 63 subpart N, 17 CCR § 93102)
6. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]



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App ID: APCD2017-CCR-0054

PERMIT ID

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B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

3. The air agitation system for this equipment shall not be operated (Rule 1200).
5. Records of the annual usage, name, type, manufacturer and composition of each material added to the chromate conversion coating tank shall be maintained on site for three years and made available to District personnel upon request. (Rules 21, 1421, 1200)
7. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies. [Rule 1210]
8. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Air Toxics Hot Spots]



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Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2003-PTO-004986


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EQUIPMENT ADDRESS

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Metal, aerospace, wood, marine, motor vehicle and mobile equipment coating application station consisting of:
 one (1) custom enclosed paint spray booth,
 model # 65888049016,
 Internal dimensions: 19 feet long x 19 feet wide x 10 feet high,
 with three stage filters,
 20,000 cfm exhaust, and
 20,000 cfm steam heated air make up unit.
 Bldg 379
 Functional Group: Aircraft Repairs/Overhaul

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [27K] Surface Coating Application Station

BEC: APCD2013-CON-000751

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Volatile organic compounds (VOC) emissions from the operation described above shall not exceed 665 pounds in any 12-consecutive month period. (Rule 20.3)
3. Permittee shall not spray inorganic HAP-containing coatings in this operation. (Rule 1200, 40 CFR Part 63 Subpart GG)
4. The permittee shall conduct all handling and transfer of VOC-containing materials and HAP-containing waste to and from containers, tanks, vats, drums, and piping system in a manner to minimize spills. (40 CFR 63 Subpart II, 40 CFR 63 Subpart GG)



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5. All containers, tanks, vats, drums, and piping systems used to store VOC-containing materials and HAP-containing waste shall be maintained free of cracks, holes, and other defects and remain closed unless materials are being added to or removed from them. All materials containing volatile organic compounds shall be stored in such containers. (40 CFR 63 Subpart GG, Rule 67.17)
6. For marine coating operations, maintain and semi-annually report the following: a summary of the number, magnitude, duration, and cause of deviations during the reporting period, the cause of violation, identification of data availability achieved during the reporting period, identification of the compliance status as of the last day of the reporting period and whether compliance was continuous or intermittent, also record and semi-annually report the reason for each deviation, and a description of the corrective action taken for each deviation, including action taken to minimize each deviation and action taken to prevent recurrence. (40 CFR 63 Subpart II)
7. On a semiannual basis, the Permittee shall provide all records required by this permit for marine coating activities to the District and EPA, except for Certification of the as-supplied VOC content of each batch of coating are not required to be reported. In addition, the Permittee shall report to District and EPA whether containers used in conjunction with marine coating activities met the standards stated in this permit. (Rule 67.18, 40 CFR 63 Subpart II)
8. On a semiannual basis, the permittee shall report to the District and EPA any instances where primers or topcoats used on aerospace parts exceeded the applicable Rule 67.9 or 40 CFR 63 Subpart GG VOC limits.
9. On a semiannual basis, the Permittee shall report to the district and EPA any instance where a non-compliant cleaning solvent is used for a non-exempt hand wipe cleaning related to aerospace operations, a noncompliant spray gun cleaning method is used, and any instance where a leaking enclosed spray gun cleaner remains unrepaired and in use for more than 15 days. In addition, the Permittee shall report a list of any new cleaning solvents used for hand wipe cleaning used in aerospace operations and provide information on the composite vapor pressure of the new solvent. (Rule 67.9, 40 CFR 63 Subpart GG)
10. If requested by the District or EPA, the applicable test methods listed in Rules 67.9 or 67.3 or 67.11 or 67.20.1 or 67.18 Section (G), as applicable to the substrate being coated, shall be used to determine compliance with the applicable standards of Rules 67.9, 67.20.1, 67.11, 67.3 and 67.18 Section (D).
11. The equipment listed above shall be maintained and operated in accordance with the manufacturer's specifications or a site specific operation and maintenance plan. The manufacturer's specifications or site specific operation and maintenance plan shall be maintained on site and made available to the District. [Rule 20.3]
12. Records of all inspections, repairs, malfunctions and breakdowns shall be maintained on site for the above equipment. [Rule 20.3]
13. At no time shall the subject equipment cause or contribute to a nuisance as specified in District Rule 51. If compliance with Rule 51 cannot be demonstrated to the satisfaction of the District, the applicant will take whatever corrective action necessary to meet applicable requirements. If corrective action requires any physical change or modification to the subject equipment, the applicant shall apply for and obtain an Authority to Construct for all such modifications. (Rule 51)
14. Except during marine coating operations subject to Rule 67.18, permittee shall only apply coatings using one of the following methods: High Volume Low Pressure (HVLP) spray application, electrostatic spray application, flow coat application, dip coat, roll coat, or hand application methods (i. e. brushes, rollers, markers, marking pens, etc.). Alternatively, an equivalent application method that has been approved by the District in writing may be used. Airless spray application shall only be used for aerospace maskants and aerospace temporary protective coatings. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
15. High volume low pressure (HVLP), airless, and electrostatic application equipment shall be operated and maintained in accordance with the manufacturer's instructions. For HVLP equipment, the applicant will have available on site pressure gauge(s) in proper operating condition to measure the air cap pressure or have available manufacturer's technical information showing the correlation between the handle air inlet pressure and the air cap pressure. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
16. If the correlation option specified above is chosen to demonstrate compliance, a handle air inlet pressure gauge will be required on site in proper operating condition to measure the handle air inlet pressure. The applicant shall maintain a permanent air pressure at the air cap of 0.1 to 10 psig. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)



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17. For the purposes of marine coating operations, exempt compounds, as defined in District Rule 2 that are also defined as Hazardous Air Pollutants (HAP) by EPA must be included in determining compliance with any VOC limits for marine coatings in this permit (Rule 67.18 and 40 CFR 63 Subpart II).
18. Permittee shall maintain the following records in accordance with Rule 67.20.1 (for motor vehicle coating operation), with Rule 67.3 (for metal parts and products coating operation), with Rule 67.18 (for marine coating operations) with Rule 67.9 (for aerospace coating operation) and with 67.11 (for wood coating operation). These records shall be maintained on site for at least five (5) years and shall be made readily available to the District upon request:
 - a. Current list of all VOC-containing materials in use, including but not limited to all coatings, coating component for multi-component coatings (such as bases, catalysts, thinners or reducers, when supplied in separate containers), and materials used for surface preparation, equipment cleaning, and stripping. This list shall include the following information:
 1. material name, manufacturer and manufacturer identification;
 2. current documentation to demonstrate applicability of any coating category pursuant to Rules 67.3, 67.9, 67.18, 67.20.1 and 67.11;
 3. mix ratio, when applicable;
 - b. For coatings, other than low-solids coatings, the VOC content expressed in grams per liter (or lbs/gal), as applied, less water and exempt compounds; and mix ratio of components, if applicable;
 - c. For surface preparation, cleaning and stripping materials or for low-solids coatings, the VOC content expressed in grams per liter (or lbs/gal) of material, as used;
 - d. Vapor pressure and/or boiling point of materials used for surface preparation, equipment cleaning, and stripping, when necessary, to demonstrate compliance with each prohibitory rule;
 - e. Current manufacturer specification sheets, material safety data sheets (MSDS), product data sheets, or technical bulletins for all materials in use, which shall list all components within each VOC-containing material in use. The manufacturer specification sheets, material safety data sheets, product data sheets, or technical bulletins shall also include: the VOC content (actual and regulatory), toxic air contaminant (TAC) content weight or weight percentage, and material density (weight per volume) or material specific gravity (material density relative to the density of water) for all materials in use;
 - f. Daily or monthly usage of materials containing VOCs for each substrate (i.e. aerospace, metal, wood, motor vehicle or mobile equipment, or marine) ;
 - g. Monthly inventory, purchasing or dispensing records of the amount of each stripping, surface preparation and cleaning material used;
 - h. Records of the dates and amounts of material added to coating dip tanks, when applicable;
 - i. Type of application equipment used;
 - j. Records of all inspections, repairs, malfunctions and breakdowns ; and,
 - k. if applicable, records of actual and maximum oven drying temperatures.
 - l. If claiming an exemption from a VOC content requirement of 67.9, 67.18 or 40 CFR 63 Subparts GG or II, the applicable exemption and records such as quantity used to substantiate the exemption.
 - m. For marine coatings subject to 40 CFR 63 Subpart II which are used with thinners, all information necessary to substantiate compliance with the applicable VOC standard of that rule.
 - n. For marine coatings subject to 40 CFR 63 Subpart II, Certification of the as-supplied VOC content of each batch of coating (Rules 67.3, 67.9, 67.18, 67.11, 67.20.1 and 40 CFR 63 Subpart GG and II)
19. Except as provided in Rule 67.3(b)(1) and (b)(3), all metal coatings used in this operation shall comply with the VOC content limits of 67.3(d)(2) and (d)(3). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
20. The VOC content of non-specialty coatings applied to metal parts and products subject to Rule 67.3 shall not contain more than 340 grams per liter VOC for air dried coatings and not more than 275 grams per liter for baked coatings. (Rule 67.3)
21. Metal surface preparation materials shall meet one of the following requirements:
 - a. the VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. the initial boiling point is at least 190° C (374° F); or
 - c. the total VOC vapor pressure is 20 mm Hg or less at 20° C (68° F). (Rule 67.3)



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22. VOC-containing materials used to clean application equipment for metal coating operations shall meet one of the following requirements:
 - a. The VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. The initial boiling point is at least 190 degrees C (374 degrees F); or
 - c. The total VOC vapor pressure is 20 mm Hg or less at 20 degrees C (68 degrees F); or
 - d. The cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - e. The application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - f. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - g. A device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.3)
23. All marine coatings used in this operation shall comply with the Volatile Organic HAP content limits of 40 CFR 63 Subpart II (Marine Coating) and with the VOC content limits of 67.18(d)(1) and (d)(2), except as provided in 40 CFR 63 Subpart II 63.781 and Rule 67.18(b). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
24. The VOC content of non-specialty coatings for marine coating operations subject to Rule 67.18 shall not contain more than 340 grams per liter VOC for air dried coatings and not more than 275 grams per liter for baked coatings. (Rule 67.18)
25. Surface preparation for marine coating operations shall meet one of the following requirements:
 - a. The VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. The initial boiling point is at least 190 degrees C (374 degrees F); or
 - c. The total VOC vapor pressure is 45 mm hg or less at 20 degrees C (68 degrees F); or
 - d. The aerospace component is cleaned in an enclosed cleaning material container which is only opened when accessing parts or adding surface cleaning materials. (Rule 67.18)
26. VOC-containing materials used to clean equipment used in marine coating operations shall meet one of the following requirements:
 - a. the VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. the initial boiling point is at least 190°C (374°F); or
 - c. the total VOC vapor pressure is 20 mm Hg or less at 20°C (68°F); or
 - d. the cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - e. the application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - f. a system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - g. a device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.18)
27. All aerospace coatings used in this operation shall comply with the VOC and Organic HAP content limits of 40 CFR 63 Subpart GG (Aerospace Coating) and with the VOC content limits of 67.9(d)(1), except as provided in 40 CFR 63 Subpart GG 63.741 and Rule 67.9(b)(1). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
28. Aerospace stripping materials shall meet one of the following requirements:
 - a. The VOC content does not exceed 400 grams per liter; or
 - b. The total VOC vapor pressure shall be 9.5 mm hg or less at 20 c (68 F) (Rule 67.9)



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29. Permittee shall not use more than 50 gallons or 365 pounds of organic HAP containing chemical strippers per military aircraft depainted for spot stripping and decal removal. (40 CFR 63 Subpart GG)
30. Surface preparation for aerospace coating operations shall meet one of the following requirements:
 - a. The total voc vapor pressure is 45 mm hg or less at 20 degrees C (68 degrees F); or
 - b. The aerospace component is cleaned in an enclosed cleaning material container which is only opened when accessing parts or adding surface cleaning materials. (Rule 67.9, 40 CFR 63 Subpart GG)
31. VOC-containing materials used to clean application equipment for aerospace coating operations shall meet one or more of the following requirements:
 - a. The cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - b. The application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - c. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - d. A device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.9 and 40 CFR 63 Subpart GG)
32. Except as provided in Rule 67.20.1(b)(1) and (b)(3), all automotive coatings used in this operation shall comply with the VOC content limits of 67.20.1(d)(1). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
35. When conducting any operations subject to Motor Vehicle and Mobile Equipment Coating Rule 67.20.1, permittee shall not use any material for surface preparation or any other surface cleaning unless its VOC content is 25 grams or less per liter of material (0.21 lbs/gal), as applied. This VOC content limitation shall not apply to any cleaning material used for the removal of dust, wax, grease, tar, or bugs provided that:
 - a. the VOC content of cleaning material does not exceed 780 grams per liter (6.5 lbs/gal), and
 - b. the cleaning material is applied by non-aerosol, hand-held spray container, and
 - c. not more than 20 gallons per calendar year of such cleaning material are used at the stationary source. (Rule 67.20.1)
36. Any cleaning of coating application equipment, used in operations subject to Motor Vehicle and Mobile Equipment Coating Rule 67.20.1, shall comply with one of the following requirements:
 - a. the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings; and the application equipment or equipment parts shall be cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning material is being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - b. the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings; and a system that totally encloses the component parts being cleaned during the washing, rinsing, and draining process shall be used; or
 - c. the cleaning material shall not contain any exempt compounds and the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings. (Rule 67.20.1)
37. Except as provided in Rule 67.11(b)(1) and (b)(3), all wood coatings used in this operation shall comply with the VOC content limits of 67.11(d)(2) and (d)(3). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.



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- 38. Except as otherwise provided for in section (b), this operation shall comply with all applicable requirements in Wood Coating Rule 67.11, including the VOC limits under subsections (d)(2) and (3). (Rule 67.11)
- 39. All VOC- containing materials used for stripping wood coating operations shall comply with one of the following requirements:
 - a. Material shall contain 200 grams or less of VOC per liter of material; or
 - b. Material shall have a total VOC vapor pressure of 2 mm Hg or less, at 20°C (68°F). (Rule 67.11)
- 40. All VOC-containing materials used for wood coating surface preparation shall contain 25 grams or less of VOC per liter of material. (Rule 67.11)
- 41. All VOC-containing materials used for the cleaning of wood coating application equipment shall comply with one of the following requirements:
 - a. The cleaning material shall contain 25 grams or less of VOC per liter of material; or
 - b. The cleaning material shall be flushed or rinsed through the application equipment in a contained manner that minimizes evaporation into the atmosphere; or
 - c. The application equipment or equipment parts shall be cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning material is being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - d. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes shall be used. (Rule 67.11)
- 42. A person shall not use spray application equipment or any other means to dispose of waste coatings, coating components, surface preparation materials, or cleaning materials into the air or into filter media, except when momentarily purging coating material from a spray applicator cap immediately before or after applying the coating material. (Rules 21 and 20.3)
- 43. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

- 2. All materials containing toxic air contaminants (TACs) shall only be applied in the booth specified above, where the exhaust fans and exhaust filters are installed and operating properly. (Rule 1200)
- 33. The permittee shall not use lead pigmented coatings in any motor vehicle or mobile equipment refinishing operation.
- 34. The permittee shall not use or possess hexavalent chromium (chromium VI) or cadmium pigmented coatings in any motor vehicle or mobile equipment refinishing operation. [Title 17 CCR, Section 93112 - Hexavalent chromium and Cadmium Air Toxic Control Measure - Motor Vehicle and Mobile Refinishing Coatings.]
- 44. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
- 45. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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APCD2024-PTO-005081

Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center

NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, Bldg 90-2, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Industrial coating operation consisting of two (2) large paint bays which can be split into two (2) cells "a" and "b" each cell can be operated independently and one (1) corrosion control cell.

Paint Bay 1: cells 1a and 1b:

Has a central partition that can be used to separate the cells or opened to allow for larger craft

Dimensions:

63' and 63' W x 93'1.5" L x 36'3" H

Equipped with EPA method 319 – approved particulate filters, differential pressure gauge and exhaust fan

Paint Bay 2: cells 2a and 2b:

Has a central partition that can be used to separate the cells or opened to allow for larger craft

Dimensions:

63' and 63' W x 93'1.5" L x 36'3" H

Equipped with EPA method 319 – approved particulate filters, differential pressure gauge and exhaust fan

Corrosion control cell:

Dimensions:

63'10" W x 93'1.5" L x 36'3" H

Equipped with EPA method 319 – approved particulate filters, differential pressure gauge and exhaust fan

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [27K] Surface Coating Application Station

BEC: APCD2024-CON-002143

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES



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A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Coating operations described in permits to operate APCD2008-PTO-005286, APCD2008-PTO-005287, APCD2008-PTO-005288, APCD2008-PTO-005289, APCD2008-PTO-005290, APCD2008-PTO-005291, APCD2008-PTO-005292, APCD2008-PTO-005293, APCD2024-PTO-005081 shall not simultaneously operate more than 8 independent paint bay cells in any given hour. A paint cell shall not be considered in operation if VOC containing materials are not being actively used. (Rule 21 and 20.3)
2. All materials containing volatile organic compounds (VOC) or toxic air contaminants (TACs) shall only be applied in the booth specified above, where the exhaust fans and exhaust filters are installed and operating properly. (Rule 20.3 and 1200)
3. Coating operations described in permits to operate APCD2008-PTO-005286, APCD2008-PTO-005287, APCD2008-PTO-005288, APCD2008-PTO-005289, APCD2008-PTO-005290, APCD2008-PTO-005291, APCD2008-PTO-005292, APCD2008-PTO-005293, APCD2024-PTO-005081 shall not exceed 9.73 tons of VOC emissions in any given 12-month period. (Rule 21 and 20.3)
4. The permittee shall conduct all handling and transfer of VOC-containing materials and HAP-containing waste to and from containers, tanks, vats, drums, and piping system in a manner to minimize spills. (40 CFR 63 Subpart II, 40 CFR 63 Subpart GG)
5. All containers, tanks, vats, drums, and piping systems used to store VOC-containing materials and HAP-containing waste shall be maintained free of cracks, holes, and other defects and remain closed unless materials are being added to or removed from them. All materials containing volatile organic compounds shall be stored in such containers. (40 CFR 63 Subpart GG, Rule 67.17)
6. For marine coating operations, maintain and semi-annually report the following: a summary of the number, magnitude, duration, and cause of deviations during the reporting period, the cause of violation, identification of data availability achieved during the reporting period, identification of the compliance status as of the last day of the reporting period and whether compliance was continuous or intermittent, also record and semi-annually report the reason for each deviation, and a description of the corrective action taken for each deviation, including action taken to minimize each deviation and action taken to prevent recurrence. (40 CFR 63 Subpart II)
7. On a semiannual basis, the Permittee shall provide all records required by this permit for marine coating activities to the District and EPA, except for Certification of the as-supplied VOC content of each batch of coating are not required to be reported. In addition, the Permittee shall report to District and EPA whether containers used in conjunction with marine coating activities met the standards stated in this permit. (Rule 67.18, 40 CFR 63 Subpart II)
8. On a semiannual basis, the permittee shall report to the District and EPA any instances where primers or topcoats used on aerospace parts exceeded the applicable Rule 67.9 or 40 CFR 63 Subpart GG VOC limits.
9. On a semiannual basis, the Permittee shall report to the District and EPA all instances where the primer or topcoat application operation applied to aerospace parts was not immediately shut down when the pressure drop across the particulate filter system was outside the limits specified herein. (40 CFR 63 Subpart GG)
10. On a semiannual basis, the Permittee shall report to the district and EPA any instance where a non-compliant cleaning solvent is used for a non-exempt hand wipe cleaning related to aerospace operations, a noncompliant spray gun cleaning method is used, and any instance where a leaking enclosed spray gun cleaner remains unrepaired and in use for more than 15 days. In addition, the Permittee shall report a list of any new cleaning solvents used for hand wipe cleaning used in aerospace operations and provide information on the composite vapor pressure of the new solvent. (Rule 67.9, 40 CFR 63 Subpart GG)
11. If requested by the District or EPA, the applicable test methods listed in Rules 67.9 or 67.3 or 67.11 or 67.20.1 or 67.18 Section (G), as applicable to the substrate being coated, shall be used to determine compliance with the applicable standards of Rules 67.9, 67.20.1, 67.11, 67.3 and 67.18 Section (D).
12. Coatings shall not be applied unless exhaust fans and exhaust filters are installed and operating properly. (Rule 1200, 40 CFR 63 Subpart GG)



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13. A differential pressure gauge shall be installed across the three stage filter system in each of the four sections of the spray booth. The pressure gauge shall be properly calibrated to operate within the range of 0 to 3 inches of water gauge (W.G.). Gauge reading in section(s) used, as labeled, shall be recorded at least once per shift when coatings are applied in the equipment described above. The reading shall be taken while the equipment is in operation. [Rule 1200, 40 CFR 63 Subpart GG]
14. The differential pressure reading across the filters shall be maintained between 0.5 and 2.25 inches of water. If the pressure drop across the filter falls outside the specified limits, the Permittee shall shut down the system immediately and take corrective action. If the maintenance procedures for the filter have not been performed as scheduled, the Permittee shall shut down the system immediately and take corrective action. The operation shall not resume until the pressure drop is returned within the specified limits. [Rule 1200, 40 CFR 63 Subpart GG]
15. The equipment listed above shall be maintained and operated in accordance with the manufacturer's specifications or a site specific operation and maintenance plan. The manufacturer's specifications or site specific operation and maintenance plan shall be maintained on site and made available to the District. [Rule 20.3]
16. Records of all inspections, repairs, malfunctions and breakdowns shall be maintained on site for the above equipment. [Rule 20.3]
17. At no time shall the subject equipment cause or contribute to a nuisance as specified in District Rule 51. If compliance with Rule 51 cannot be demonstrated to the satisfaction of the District, the applicant will take whatever corrective action necessary to meet applicable requirements. If corrective action requires any physical change or modification to the subject equipment, the applicant shall apply for and obtain an Authority to Construct for all such modifications. (Rule 51)
18. Except during marine coating operations subject to Rule 67.18, permittee shall only apply coatings using one of the following methods: High Volume Low Pressure (HVLP) spray application, electrostatic spray application, flow coat application, dip coat, roll coat, or hand application methods (i. e. brushes, rollers, markers, marking pens, etc.). Alternatively, an equivalent application method that has been approved by the District in writing may be used. Airless spray application shall only be used for aerospace maskants and aerospace temporary protective coatings. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
19. High volume low pressure (HVLP), airless, and electrostatic application equipment shall be operated and maintained in accordance with the manufacturer's instructions. For HVLP equipment, the applicant will have available on site pressure gauge(s) in proper operating condition to measure the air cap pressure or have available manufacturer's technical information showing the correlation between the handle air inlet pressure and the air cap pressure. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
20. If the correlation option specified above is chosen to demonstrate compliance, a handle air inlet pressure gauge will be required on site in proper operating condition to measure the handle air inlet pressure. The applicant shall maintain a permanent air pressure at the air cap of 0.1 to 10 psig. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
21. For the purposes of marine coating operations, exempt compounds, as defined in District Rule 2 that are also defined as Hazardous Air Pollutants (HAP) by EPA must be included in determining compliance with any VOC limits for marine coatings in this permit (Rule 67.18 and 40 CFR 63 Subpart II).



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22. Permittee shall maintain the following records in accordance with Rule 67.20.1 (for motor vehicle coating operation), with Rule 67.3 (for metal parts and products coating operation), with Rule 67.18 (for marine coating operations) with Rule 67.9 (for aerospace coating operation) and with 67.11 (for wood coating operation). These records shall be maintained on site for at least five (5) years and shall be made readily available to the District upon request:
- a. Current list of all VOC-containing materials in use, including but not limited to all coatings, coating component for multi-component coatings (such as bases, catalysts, thinners or reducers, when supplied in separate containers), and materials used for surface preparation, equipment cleaning, and stripping. This list shall include the following information:
 - 1. material name, manufacturer and manufacturer identification;
 - 2. current documentation to demonstrate applicability of any coating category pursuant to Rules 67.3, 67.9, 67.18, 67.20.1 and 67.11;
 - 3. mix ratio, when applicable;
 - b. For coatings, other than low-solids coatings, the VOC content expressed in grams per liter (or lbs/gal), as applied, less water and exempt compounds; and mix ratio of components, if applicable;
 - c. For surface preparation, cleaning and stripping materials or for low-solids coatings, the VOC content expressed in grams per liter (or lbs/gal) of material, as used;
 - d. Vapor pressure and/or boiling point of materials used for surface preparation, equipment cleaning, and stripping, when necessary, to demonstrate compliance with each prohibitory rule;
 - e. Current manufacturer specification sheets, material safety data sheets (MSDS), product data sheets, or technical bulletins for all materials in use, which shall list all components within each VOC-containing material in use. The manufacturer specification sheets, material safety data sheets, product data sheets, or technical bulletins shall also include: the VOC content (actual and regulatory), toxic air contaminant (TAC) content weight or weight percentage, and material density (weight per volume) or material specific gravity (material density relative to the density of water) for all materials in use;
 - f. Hourly operation records of each independent paint bay cell;
 - g. Daily or monthly usage of materials containing VOCs for each substrate (i.e. aerospace, metal, wood, motor vehicle or mobile equipment, or marine) ;
 - h. Monthly inventory, purchasing or dispensing records of the amount of each stripping, surface preparation and cleaning material used;
 - i. Records of the dates and amounts of material added to coating dip tanks, when applicable;
 - j. Type of application equipment used;
 - k. Records of all inspections, repairs, malfunctions and breakdowns ; and,
 - l. if applicable, records of actual and maximum oven drying temperatures.
 - m. If claiming an exemption from a VOC content requirement of 67.9, 67.18 or 40 CFR 63 Subparts GG or II, the applicable exemption and records such as quantity used to substantiate the exemption.
 - n. For marine coatings subject to 40 CFR 63 Subpart II which are used with thinners, all information necessary to substantiate compliance with the applicable VOC standard of that rule.
 - o. For marine coatings subject to 40 CFR 63 Subpart II, Certification of the as-supplied VOC content of each batch of coating (Rules 67.3, 67.9, 67.18, 67.11, 67.20.1 and 40 CFR 63 Subpart GG and II)
23. Except as provided in Rule 67.3(b)(1) and (b)(3), all metal coatings used in this operation shall comply with the VOC content limits of 67.3(d)(2) and (d)(3). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
24. The VOC content of non-specialty coatings applied to metal parts and products subject to Rule 67.3 shall not contain more than 340 grams per liter VOC for air dried coatings and not more than 275 grams per liter for baked coatings. (Rule 67.3)
25. Metal surface preparation materials shall meet one of the following requirements:
- a. the VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. the initial boiling point is at least 190° C (374° F); or
 - c. the total VOC vapor pressure is 20 mm Hg or less at 20° C (68° F). (Rule 67.3)



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 - a. The VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
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 - f. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - g. A device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.3)
27. All marine coatings used in this operation shall comply with the Volatile Organic HAP content limits of 40 CFR 63 Subpart II (Marine Coating) and with the VOC content limits of 67.18(d)(1) and (d)(2), except as provided in 40 CFR 63 Subpart II 63.781 and Rule 67.18(b). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
28. The VOC content of non-specialty coatings for marine coating operations subject to Rule 67.18 shall not contain more than 340 grams per liter VOC for air dried coatings and not more than 275 grams per liter for baked coatings. (Rule 67.18)
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 - a. The VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. The initial boiling point is at least 190 degrees C (374 degrees F); or
 - c. The total VOC vapor pressure is 45 mm hg or less at 20 degrees C (68 degrees F); or
 - d. The aerospace component is cleaned in an enclosed cleaning material container which is only opened when accessing parts or adding surface cleaning materials. (Rule 67.18)
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 - b. the initial boiling point is at least 190°C (374°F); or
 - c. the total VOC vapor pressure is 20 mm Hg or less at 20°C (68°F); or
 - d. the cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - e. the application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - f. a system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - g. a device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.18)
31. All aerospace coatings used in this operation shall comply with the VOC and Organic HAP content limits of 40 CFR 63 Subpart GG (Aerospace Coating) and with the VOC content limits of 67.9(d)(1), except as provided in 40 CFR 63 Subpart GG 63.741 and Rule 67.9(b)(1). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
32. Aerospace stripping materials shall meet one of the following requirements:
 - a. The VOC content does not exceed 400 grams per liter; or
 - b. The total VOC vapor pressure shall be 9.5 mm hg or less at 20 c (68 F) (Rule 67.9)



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PHONE (858) 586-2600 Fax (858) 586-2601
www.sdapcd.org

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Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2024-PTO-005081


33. Permittee shall not use more than 50 gallons or 365 pounds of organic HAP containing chemical strippers per military aircraft depainted for spot stripping and decal removal. (40 CFR 63 Subpart GG)
34. Surface preparation for aerospace coating operations shall meet one of the following requirements:
 - a. The total voc vapor pressure is 45 mm hg or less at 20 degrees C (68 degrees F); or
 - b. The aerospace component is cleaned in an enclosed cleaning material container which is only opened when accessing parts or adding surface cleaning materials. (Rule 67.9, 40 CFR 63 Subpart GG)
35. VOC-containing materials used to clean application equipment for aerospace coating operations shall meet one or more of the following requirements:
 - a. The cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - b. The application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - c. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - d. A device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.9 and 40 CFR 63 Subpart GG)
36. Except as provided in Rule 67.20.1(b)(1) and (b)(3), all automotive coatings used in this operation shall comply with the VOC content limits of 67.20.1(d)(1). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
39. When conducting any operations subject to Motor Vehicle and Mobile Equipment Coating Rule 67.20.1, permittee shall not use any material for surface preparation or any other surface cleaning unless its VOC content is 25 grams or less per liter of material (0.21 lbs/gal), as applied. This VOC content limitation shall not apply to any cleaning material used for the removal of dust, wax, grease, tar, or bugs provided that:
 - a. the VOC content of cleaning material does not exceed 780 grams per liter (6.5 lbs/gal), and
 - b. the cleaning material is applied by non-aerosol, hand-held spray container, and
 - c. not more than 20 gallons per calendar year of such cleaning material are used at the stationary source. (Rule 67.20.1)
40. Any cleaning of coating application equipment, used in operations subject to Motor Vehicle and Mobile Equipment Coating Rule 67.20.1, shall comply with one of the following requirements:
 - a. the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings; and the application equipment or equipment parts shall be cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning material is being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - b. the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings; and a system that totally encloses the component parts being cleaned during the washing, rinsing, and draining process shall be used; or
 - c. the cleaning material shall not contain any exempt compounds and the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings. (Rule 67.20.1)
41. Except as provided in Rule 67.11(b)(1) and (b)(3), all wood coatings used in this operation shall comply with the VOC content limits of 67.11(d)(2) and (d)(3). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.



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- 42. Except as otherwise provided for in section (b), this operation shall comply with all applicable requirements in Wood Coating Rule 67.11, including the VOC limits under subsections (d)(2) and (3). (Rule 67.11)
- 43. All VOC- containing materials used for stripping wood coating operations shall comply with one of the following requirements:
 - a. Material shall contain 200 grams or less of VOC per liter of material; or
 - b. Material shall have a total VOC vapor pressure of 2 mm Hg or less, at 20°C (68°F). (Rule 67.11)
- 44. All VOC-containing materials used for wood coating surface preparation shall contain 25 grams or less of VOC per liter of material. (Rule 67.11)
- 45. All VOC-containing materials used for the cleaning of wood coating application equipment shall comply with one of the following requirements:
 - a. The cleaning material shall contain 25 grams or less of VOC per liter of material; or
 - b. The cleaning material shall be flushed or rinsed through the application equipment in a contained manner that minimizes evaporation into the atmosphere; or
 - c. The application equipment or equipment parts shall be cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning material is being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - d. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes shall be used. (Rule 67.11)
- 46. A person shall not use spray application equipment or any other means to dispose of waste coatings, coating components, surface preparation materials, or cleaning materials into the air or into filter media, except when momentarily purging coating material from a spray applicator cap immediately before or after applying the coating material. (Rules 21 and 20.3)
- 47. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

- 37. The permittee shall not use lead pigmented coatings in any motor vehicle or mobile equipment refinishing operation.
- 38. The permittee shall not use or possess hexavalent chromium (chromium VI) or cadmium pigmented coatings in any motor vehicle or mobile equipment refinishing operation. [Title 17 CCR, Section 93112 - Hexavalent chromium and Cadmium Air Toxic Control Measure - Motor Vehicle and Mobile Refinishing Coatings.]
- 48. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
- 49. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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APCD2025-PTO-005164


Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Touch-up Coating Application located at Building 94 consisting of:
 One (1) Spray System Inc. open sided spray booth, PEMA #39181, Dimensions: 15'L x 9'H x 18'W with bag filter, ring panel bag filtration system equipped with 20" x 20" x 12" MERV 12 filters and 20" x 20" x 1" Ring Panel & flow measuring device;
 One (1) exhaust fan, exhaust flow rate: 16200 CFM, 50 FT above ground, 3 ft diameter, unobstructed exhaust flow
 Using HVLP spray guns to apply compliant coatings and solvents

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [27K] Surface Coating Application Station

BEC: APCD2025-CON-002216

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Usage of all volatile organic compound (VOC) containing coating materials associated with this permit shall not exceed 0.0625 gallon or 8 ounces in any day. (Rule 20.3)
3. The permittee shall conduct all handling and transfer of VOC-containing materials and HAP-containing waste to and from containers, tanks, vats, drums, and piping system in a manner to minimize spills. (40 CFR 63 Subpart II, 40 CFR 63 Subpart GG)
4. All containers, tanks, vats, drums, and piping systems used to store VOC-containing materials and HAP-containing waste shall be maintained free of cracks, holes, and other defects and remain closed unless materials are being added to or removed from them. All materials containing volatile organic compounds shall be stored in such containers. (40 CFR 63 Subpart GG, Rule 67.17)



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5. For marine coating operations, maintain and semi-annually report the following: a summary of the number, magnitude, duration, and cause of deviations during the reporting period, the cause of violation, identification of data availability achieved during the reporting period, identification of the compliance status as of the last day of the reporting period and whether compliance was continuous or intermittent, also record and semi-annually report the reason for each deviation, and a description of the corrective action taken for each deviation, including action taken to minimize each deviation and action taken to prevent recurrence. (40 CFR 63 Subpart II)
6. On a semiannual basis, the Permittee shall provide all records required by this permit for marine coating activities to the District and EPA, except for Certification of the as-supplied VOC content of each batch of coating are not required to be reported. In addition, the Permittee shall report to District and EPA whether containers used in conjunction with marine coating activities met the standards stated in this permit. (Rule 67.18, 40 CFR 63 Subpart II)
7. On a semiannual basis, the permittee shall report to the District and EPA any instances where primers or topcoats used on aerospace parts exceeded the applicable Rule 67.9 or 40 CFR 63 Subpart GG VOC limits.
8. On a semiannual basis, the Permittee shall report to the District and EPA all instances where the primer or topcoat application operation applied to aerospace parts was not immediately shut down when the pressure drop across the particulate filter system was outside the limits specified herein. (40 CFR 63 Subpart GG)
9. On a semiannual basis, the Permittee shall report to the district and EPA any instance where a non-compliant cleaning solvent is used for a non-exempt hand wipe cleaning related to aerospace operations, a noncompliant spray gun cleaning method is used, and any instance where a leaking enclosed spray gun cleaner remains unrepaired and in use for more than 15 days. In addition, the Permittee shall report a list of any new cleaning solvents used for hand wipe cleaning used in aerospace operations and provide information on the composite vapor pressure of the new solvent. (Rule 67.9, 40 CFR 63 Subpart GG)
10. If requested by the District or EPA, the applicable test methods listed in Rules 67.9 or 67.3 or 67.11 or 67.20.1 or 67.18 Section (G), as applicable to the substrate being coated, shall be used to determine compliance with the applicable standards of Rules 67.9, 67.20.1, 67.11, 67.3 and 67.18 Section (D).
11. Coatings shall not be applied unless exhaust fans and exhaust filters are installed and operating properly. (Rule 1200, 40 CFR 63 Subpart GG)
12. A differential pressure gauge shall be installed across the three stage filter system in each of the four sections of the spray booth. The pressure gauge shall be properly calibrated to operate within the range of 0 to 3 inches of water gauge (W.G.). Gauge reading in section(s) used, as labeled, shall be recorded at least once per shift when coatings are applied in the equipment described above. The reading shall be taken while the equipment is in operation. [Rule 1200, 40 CFR 63 Subpart GG]
13. The differential pressure reading across the filters shall be maintained between 0.5 and 2.25 inches of water. If the pressure drop across the filter falls outside the specified limits, the Permittee shall shut down the system immediately and take corrective action. If the maintenance procedures for the filter have not been performed as scheduled, the Permittee shall shut down the system immediately and take corrective action. The operation shall not resume until the pressure drop is returned within the specified limits. [Rule 1200, 40 CFR 63 Subpart GG]
14. The equipment listed above shall be maintained and operated in accordance with the manufacturer's specifications or a site specific operation and maintenance plan. The manufacturer's specifications or site specific operation and maintenance plan shall be maintained on site and made available to the District. [Rule 20.3]
15. Records of all inspections, repairs, malfunctions and breakdowns shall be maintained on site for the above equipment. [Rule 20.3]
16. At no time shall the subject equipment cause or contribute to a nuisance as specified in District Rule 51. If compliance with Rule 51 cannot be demonstrated to the satisfaction of the District, the applicant will take whatever corrective action necessary to meet applicable requirements. If corrective action requires any physical change or modification to the subject equipment, the applicant shall apply for and obtain an Authority to Construct for all such modifications. (Rule 51)



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17. Except during marine coating operations subject to Rule 67.18, permittee shall only apply coatings using one of the following methods: High Volume Low Pressure (HVLP) spray application, electrostatic spray application, flow coat application, dip coat, roll coat, or hand application methods (i. e. brushes, rollers, markers, marking pens, etc.). Alternatively, an equivalent application method that has been approved by the District in writing may be used. Airless spray application shall only be used for aerospace maskants and aerospace temporary protective coatings. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
18. High volume low pressure (HVLP), airless, and electrostatic application equipment shall be operated and maintained in accordance with the manufacturer's instructions. For HVLP equipment, the applicant will have available on site pressure gauge(s) in proper operating condition to measure the air cap pressure or have available manufacturer's technical information showing the correlation between the handle air inlet pressure and the air cap pressure. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
19. If the correlation option specified above is chosen to demonstrate compliance, a handle air inlet pressure gauge will be required on site in proper operating condition to measure the handle air inlet pressure. The applicant shall maintain a permanent air pressure at the air cap of 0.1 to 10 psig. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
20. For the purposes of marine coating operations, exempt compounds, as defined in District Rule 2 that are also defined as Hazardous Air Pollutants (HAP) by EPA must be included in determining compliance with any VOC limits for marine coatings in this permit (Rule 67.18 and 40 CFR 63 Subpart II).



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21. Permittee shall maintain the following records in accordance with Rule 67.20.1 (for motor vehicle coating operation), with Rule 67.3 (for metal parts and products coating operation), with Rule 67.18 (for marine coating operations) with Rule 67.9 (for aerospace coating operation) and with 67.11 (for wood coating operation). These records shall be maintained on site for at least five (5) years and shall be made readily available to the District upon request:
- a. Current list of all VOC-containing materials in use, including but not limited to all coatings, coating component for multi-component coatings (such as bases, catalysts, thinners or reducers, when supplied in separate containers), and materials used for surface preparation, equipment cleaning, and stripping. This list shall include the following information:
 - 1. material name, manufacturer and manufacturer identification;
 - 2. current documentation to demonstrate applicability of any coating category pursuant to Rules 67.3, 67.9, 67.18, 67.20.1 and 67.11;
 - 3. mix ratio, when applicable;
 - b. For coatings, other than low-solids coatings, the VOC content expressed in grams per liter (or lbs/gal), as applied, less water and exempt compounds; and mix ratio of components, if applicable;
 - c. For surface preparation, cleaning and stripping materials or for low-solids coatings, the VOC content expressed in grams per liter (or lbs/gal) of material, as used;
 - d. Vapor pressure and/or boiling point of materials used for surface preparation, equipment cleaning, and stripping, when necessary, to demonstrate compliance with each prohibitory rule;
 - e. Current manufacturer specification sheets, material safety data sheets (MSDS), product data sheets, or technical bulletins for all materials in use, which shall list all components within each VOC-containing material in use. The manufacturer specification sheets, material safety data sheets, product data sheets, or technical bulletins shall also include: the VOC content (actual and regulatory), toxic air contaminant (TAC) content weight or weight percentage, and material density (weight per volume) or material specific gravity (material density relative to the density of water) for all materials in use;
 - f. Daily or monthly usage of materials containing VOCs for each substrate (i.e. aerospace, metal, wood, motor vehicle or mobile equipment, or marine) ;
 - g. Monthly inventory, purchasing or dispensing records of the amount of each stripping, surface preparation and cleaning material used;
 - h. Records of the dates and amounts of material added to coating dip tanks, when applicable;
 - i. Type of application equipment used;
 - j. Records of all inspections, repairs, malfunctions and breakdowns ; and,
 - k. if applicable, records of actual and maximum oven drying temperatures.
 - l. If claiming an exemption from a VOC content requirement of 67.9, 67.18 or 40 CFR 63 Subparts GG or II, the applicable exemption and records such as quantity used to substantiate the exemption.
 - m. For marine coatings subject to 40 CFR 63 Subpart II which are used with thinners, all information necessary to substantiate compliance with the applicable VOC standard of that rule.
 - n. For marine coatings subject to 40 CFR 63 Subpart II, Certification of the as-supplied VOC content of each batch of coating (Rules 67.3, 67.9, 67.18, 67.11, 67.20.1 and 40 CFR 63 Subpart GG and II)
22. Except as provided in Rule 67.3(b)(1) and (b)(3), all metal coatings used in this operation shall comply with the VOC content limits of 67.3(d)(2) and (d)(3). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
23. The VOC content of non-specialty coatings applied to metal parts and products subject to Rule 67.3 shall not contain more than 340 grams per liter VOC for air dried coatings and not more than 275 grams per liter for baked coatings. (Rule 67.3)
24. Metal surface preparation materials shall meet one of the following requirements:
- a. the VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. the initial boiling point is at least 190° C (374° F); or
 - c. the total VOC vapor pressure is 20 mm Hg or less at 20° C (68° F). (Rule 67.3)



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25. VOC-containing materials used to clean application equipment for metal coating operations shall meet one of the following requirements:
 - a. The VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. The initial boiling point is at least 190 degrees C (374 degrees F); or
 - c. The total VOC vapor pressure is 20 mm Hg or less at 20 degrees C (68 degrees F); or
 - d. The cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - e. The application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - f. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - g. A device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.3)
26. All marine coatings used in this operation shall comply with the Volatile Organic HAP content limits of 40 CFR 63 Subpart II (Marine Coating) and with the VOC content limits of 67.18(d)(1) and (d)(2), except as provided in 40 CFR 63 Subpart II 63.781 and Rule 67.18(b). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
27. The VOC content of non-specialty coatings for marine coating operations subject to Rule 67.18 shall not contain more than 340 grams per liter VOC for air dried coatings and not more than 275 grams per liter for baked coatings. (Rule 67.18)
28. Surface preparation for marine coating operations shall meet one of the following requirements:
 - a. The VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. The initial boiling point is at least 190 degrees C (374 degrees F); or
 - c. The total VOC vapor pressure is 45 mm hg or less at 20 degrees C (68 degrees F); or
 - d. The aerospace component is cleaned in an enclosed cleaning material container which is only opened when accessing parts or adding surface cleaning materials. (Rule 67.18)
29. VOC-containing materials used to clean equipment used in marine coating operations shall meet one of the following requirements:
 - a. the VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. the initial boiling point is at least 190°C (374°F); or
 - c. the total VOC vapor pressure is 20 mm Hg or less at 20°C (68°F); or
 - d. the cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - e. the application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - f. a system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - g. a device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.18)
30. All aerospace coatings used in this operation shall comply with the VOC and Organic HAP content limits of 40 CFR 63 Subpart GG (Aerospace Coating) and with the VOC content limits of 67.9(d)(1), except as provided in 40 CFR 63 Subpart GG 63.741 and Rule 67.9(b)(1). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
31. Aerospace stripping materials shall meet one of the following requirements:
 - a. The VOC content does not exceed 400 grams per liter; or
 - b. The total VOC vapor pressure shall be 9.5 mm hg or less at 20 c (68 F) (Rule 67.9)



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32. Permittee shall not use more than 50 gallons or 365 pounds of organic HAP containing chemical strippers per military aircraft depainted for spot stripping and decal removal. (40 CFR 63 Subpart GG)
33. Surface preparation for aerospace coating operations shall meet one of the following requirements:
 - a. The total voc vapor pressure is 45 mm hg or less at 20 degrees C (68 degrees F); or
 - b. The aerospace component is cleaned in an enclosed cleaning material container which is only opened when accessing parts or adding surface cleaning materials. (Rule 67.9, 40 CFR 63 Subpart GG)
34. VOC-containing materials used to clean application equipment for aerospace coating operations shall meet one or more of the following requirements:
 - a. The cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - b. The application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - c. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - d. A device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.9 and 40 CFR 63 Subpart GG)
35. Except as provided in Rule 67.20.1(b)(1) and (b)(3), all automotive coatings used in this operation shall comply with the VOC content limits of 67.20.1(d)(1). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
38. When conducting any operations subject to Motor Vehicle and Mobile Equipment Coating Rule 67.20.1, permittee shall not use any material for surface preparation or any other surface cleaning unless its VOC content is 25 grams or less per liter of material (0.21 lbs/gal), as applied. This VOC content limitation shall not apply to any cleaning material used for the removal of dust, wax, grease, tar, or bugs provided that:
 - a. the VOC content of cleaning material does not exceed 780 grams per liter (6.5 lbs/gal), and
 - b. the cleaning material is applied by non-aerosol, hand-held spray container, and
 - c. not more than 20 gallons per calendar year of such cleaning material are used at the stationary source. (Rule 67.20.1)
39. Any cleaning of coating application equipment, used in operations subject to Motor Vehicle and Mobile Equipment Coating Rule 67.20.1, shall comply with one of the following requirements:
 - a. the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings; and the application equipment or equipment parts shall be cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning material is being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - b. the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings; and a system that totally encloses the component parts being cleaned during the washing, rinsing, and draining process shall be used; or
 - c. the cleaning material shall not contain any exempt compounds and the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings. (Rule 67.20.1)
40. Except as provided in Rule 67.11(b)(1) and (b)(3), all wood coatings used in this operation shall comply with the VOC content limits of 67.11(d)(2) and (d)(3). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.



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- 41. Except as otherwise provided for in section (b), this operation shall comply with all applicable requirements in Wood Coating Rule 67.11, including the VOC limits under subsections (d)(2) and (3). (Rule 67.11)
- 42. All VOC- containing materials used for stripping wood coating operations shall comply with one of the following requirements:
 - a. Material shall contain 200 grams or less of VOC per liter of material; or
 - b. Material shall have a total VOC vapor pressure of 2 mm Hg or less, at 20°C (68°F). (Rule 67.11)
- 43. All VOC-containing materials used for wood coating surface preparation shall contain 25 grams or less of VOC per liter of material. (Rule 67.11)
- 44. All VOC-containing materials used for the cleaning of wood coating application equipment shall comply with one of the following requirements:
 - a. The cleaning material shall contain 25 grams or less of VOC per liter of material; or
 - b. The cleaning material shall be flushed or rinsed through the application equipment in a contained manner that minimizes evaporation into the atmosphere; or
 - c. The application equipment or equipment parts shall be cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning material is being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - d. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes shall be used. (Rule 67.11)
- 45. A person shall not use spray application equipment or any other means to dispose of waste coatings, coating components, surface preparation materials, or cleaning materials into the air or into filter media, except when momentarily purging coating material from a spray applicator cap immediately before or after applying the coating material. (Rules 21 and 20.3)
- 46. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

- 2. The daily usage of isopropanol (IPA, CAS #: 67-63-0) usage from this operation operations shall not exceed 2 ounces. Daily IPA usage records usage shall be maintained on-site. (Rule 1200)
- 36. The permittee shall not use lead pigmented coatings in any motor vehicle or mobile equipment refinishing operation.
- 37. The permittee shall not use or possess hexavalent chromium (chromium VI) or cadmium pigmented coatings in any motor vehicle or mobile equipment refinishing operation. [Title 17 CCR, Section 93112 - Hexavalent chromium and Cadmium Air Toxic Control Measure - Motor Vehicle and Mobile Refinishing Coatings.]
- 47. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
- 48. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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PERMIT ID

APCD2003-PTO-005209


Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [27K] Surface Coating Application Station

BEC: APCD2026-CON-002326

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. The permittee shall conduct all handling and transfer of VOC-containing materials and HAP-containing waste to and from containers, tanks, vats, drums, and piping system in a manner to minimize spills. (40 CFR 63 Subpart II, 40 CFR 63 Subpart GG)
2. All containers, tanks, vats, drums, and piping systems used to store VOC-containing materials and HAP-containing waste shall be maintained free of cracks, holes, and other defects and remain closed unless materials are being added to or removed from them. All materials containing volatile organic compounds shall be stored in such containers. (40 CFR 63 Subpart GG, Rule 67.17)
3. For marine coating operations, maintain and semi-annually report the following: a summary of the number, magnitude, duration, and cause of deviations during the reporting period, the cause of violation, identification of data availability achieved during the reporting period, identification of the compliance status as of the last day of the reporting period and whether compliance was continuous or intermittent, also record and semi-annually report the reason for each deviation, and a description of the corrective action taken for each deviation, including action taken to minimize each deviation and action taken to prevent recurrence. (40 CFR 63 Subpart II)



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4. On a semiannual basis, the Permittee shall provide all records required by this permit for marine coating activities to the District and EPA, except for Certification of the as-supplied VOC content of each batch of coating are not required to be reported. In addition, the Permittee shall report to District and EPA whether containers used in conjunction with marine coating activities met the standards stated in this permit. (Rule 67.18, 40 CFR 63 Subpart II)
5. On a semiannual basis, the permittee shall report to the District and EPA any instances where primers or topcoats used on aerospace parts exceeded the applicable Rule 67.9 or 40 CFR 63 Subpart GG VOC limits.
6. On a semiannual basis, the Permittee shall report to the District and EPA all instances where the primer or topcoat application operation applied to aerospace parts was not immediately shut down when the pressure drop across the particulate filter system was outside the limits specified herein. (40 CFR 63 Subpart GG)
7. On a semiannual basis, the Permittee shall report to the district and EPA any instance where a non-compliant cleaning solvent is used for a non-exempt hand wipe cleaning related to aerospace operations, a noncompliant spray gun cleaning method is used, and any instance where a leaking enclosed spray gun cleaner remains unrepaired and in use for more than 15 days. In addition, the Permittee shall report a list of any new cleaning solvents used for hand wipe cleaning used in aerospace operations and provide information on the composite vapor pressure of the new solvent. (Rule 67.9, 40 CFR 63 Subpart GG)
8. If requested by the District or EPA, the applicable test methods listed in Rules 67.9 or 67.3 or 67.11 or 67.20.1 or 67.18 Section (G), as applicable to the substrate being coated, shall be used to determine compliance with the applicable standards of Rules 67.9, 67.20.1, 67.11, 67.3 and 67.18 Section (D).
9. Coatings shall not be applied unless exhaust fans and exhaust filters are installed and operating properly. (Rule 1200, 40 CFR 63 Subpart GG)
10. A differential pressure gauge shall be installed across the three stage filter system in each of the four sections of the spray booth. The pressure gauge shall be properly calibrated to operate within the range of 0 to 3 inches of water gauge (W.G.). Gauge reading in section(s) used, as labeled, shall be recorded at least once per shift when coatings are applied in the equipment described above. The reading shall be taken while the equipment is in operation. [Rule 1200, 40 CFR 63 Subpart GG]
11. The differential pressure reading across the filters shall be maintained between 0.5 and 2.25 inches of water. If the pressure drop across the filter falls outside the specified limits, the Permittee shall shut down the system immediately and take corrective action. If the maintenance procedures for the filter have not been performed as scheduled, the Permittee shall shut down the system immediately and take corrective action. The operation shall not resume until the pressure drop is returned within the specified limits. [Rule 1200, 40 CFR 63 Subpart GG]
12. The equipment listed above shall be maintained and operated in accordance with the manufacturer's specifications or a site specific operation and maintenance plan. The manufacturer's specifications or site specific operation and maintenance plan shall be maintained on site and made available to the District. [Rule 20.3]
13. Records of all inspections, repairs, malfunctions and breakdowns shall be maintained on site for the above equipment. [Rule 20.3]
14. At no time shall the subject equipment cause or contribute to a nuisance as specified in District Rule 51. If compliance with Rule 51 cannot be demonstrated to the satisfaction of the District, the applicant will take whatever corrective action necessary to meet applicable requirements. If corrective action requires any physical change or modification to the subject equipment, the applicant shall apply for and obtain an Authority to Construct for all such modifications. (Rule 51)
15. Except during marine coating operations subject to Rule 67.18, permittee shall only apply coatings using one of the following methods: High Volume Low Pressure (HVLP) spray application, electrostatic spray application, flow coat application, dip coat, roll coat, or hand application methods (i. e. brushes, rollers, markers, marking pens, etc.). Alternatively, an equivalent application method that has been approved by the District in writing may be used. Airless spray application shall only be used for aerospace maskants and aerospace temporary protective coatings. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)



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16. High volume low pressure (HVLP), airless, and electrostatic application equipment shall be operated and maintained in accordance with the manufacturer's instructions. For HVLP equipment, the applicant will have available on site pressure gauge(s) in proper operating condition to measure the air cap pressure or have available manufacturer's technical information showing the correlation between the handle air inlet pressure and the air cap pressure. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
17. If the correlation option specified above is chosen to demonstrate compliance, a handle air inlet pressure gauge will be required on site in proper operating condition to measure the handle air inlet pressure. The applicant shall maintain a permanent air pressure at the air cap of 0.1 to 10 psig. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
18. For the purposes of marine coating operations, exempt compounds, as defined in District Rule 2 that are also defined as Hazardous Air Pollutants (HAP) by EPA must be included in determining compliance with any VOC limits for marine coatings in this permit (Rule 67.18 and 40 CFR 63 Subpart II).
19. Permittee shall maintain the following records in accordance with Rule 67.20.1 (for motor vehicle coating operation), with Rule 67.3 (for metal parts and products coating operation), with Rule 67.18 (for marine coating operations) with Rule 67.9 (for aerospace coating operation) and with 67.11 (for wood coating operation). These records shall be maintained on site for at least five (5) years and shall be made readily available to the District upon request:
 - a. Current list of all VOC-containing materials in use, including but not limited to all coatings, coating component for multi-component coatings (such as bases, catalysts, thinners or reducers, when supplied in separate containers), and materials used for surface preparation, equipment cleaning, and stripping. This list shall include the following information:
 1. material name, manufacturer and manufacturer identification;
 2. current documentation to demonstrate applicability of any coating category pursuant to Rules 67.3, 67.9, 67.18, 67.20.1 and 67.11;
 3. mix ratio, when applicable;
 - b. For coatings, other than low-solids coatings, the VOC content expressed in grams per liter (or lbs/gal), as applied, less water and exempt compounds; and mix ratio of components, if applicable;
 - c. For surface preparation, cleaning and stripping materials or for low-solids coatings, the VOC content expressed in grams per liter (or lbs/gal) of material, as used;
 - d. Vapor pressure and/or boiling point of materials used for surface preparation, equipment cleaning, and stripping, when necessary, to demonstrate compliance with each prohibitory rule;
 - e. Current manufacturer specification sheets, material safety data sheets (MSDS), product data sheets, or technical bulletins for all materials in use, which shall list all components within each VOC-containing material in use. The manufacturer specification sheets, material safety data sheets, product data sheets, or technical bulletins shall also include: the VOC content (actual and regulatory), toxic air contaminant (TAC) content weight or weight percentage, and material density (weight per volume) or material specific gravity (material density relative to the density of water) for all materials in use;
 - f. Daily or monthly usage of materials containing VOCs for each substrate (i.e. aerospace, metal, wood, motor vehicle or mobile equipment, or marine) ;
 - g. Monthly inventory, purchasing or dispensing records of the amount of each stripping, surface preparation and cleaning material used;
 - h. Records of the dates and amounts of material added to coating dip tanks, when applicable;
 - i. Type of application equipment used;
 - j. Records of all inspections, repairs, malfunctions and breakdowns ; and,
 - k. if applicable, records of actual and maximum oven drying temperatures.
 - l. If claiming an exemption from a VOC content requirement of 67.9, 67.18 or 40 CFR 63 Subparts GG or II, the applicable exemption and records such as quantity used to substantiate the exemption.
 - m. For marine coatings subject to 40 CFR 63 Subpart II which are used with thinners, all information necessary to substantiate compliance with the applicable VOC standard of that rule.
 - n. For marine coatings subject to 40 CFR 63 Subpart II, Certification of the as-supplied VOC content of each batch of coating (Rules 67.3, 67.9, 67.18, 67.11, 67.20.1 and 40 CFR 63 Subpart GG and II)



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20. Except as provided in Rule 67.3(b)(1) and (b)(3), all metal coatings used in this operation shall comply with the VOC content limits of 67.3(d)(2) and (d)(3). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
21. The VOC content of non-specialty coatings applied to metal parts and products subject to Rule 67.3 shall not contain more than 340 grams per liter VOC for air dried coatings and not more than 275 grams per liter for baked coatings. (Rule 67.3)
22. Metal surface preparation materials shall meet one of the following requirements:
 - a. the VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. the initial boiling point is at least 190° C (374° F); or
 - c. the total VOC vapor pressure is 20 mm Hg or less at 20° C (68° F). (Rule 67.3)
23. VOC-containing materials used to clean application equipment for metal coating operations shall meet one of the following requirements:
 - a. The VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. The initial boiling point is at least 190 degrees C (374 degrees F); or
 - c. The total VOC vapor pressure is 20 mm Hg or less at 20 degrees C (68 degrees F); or
 - d. The cleaning material is flushed of rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - e. The application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - f. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - g. A device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.3)
24. All marine coatings used in this operation shall comply with the Volatile Organic HAP content limits of 40 CFR 63 Subpart II (Marine Coating) and with the VOC content limits of 67.18(d)(1) and (d)(2), except as provided in 40 CFR 63 Subpart II 63.781 and Rule 67.18(b). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
25. The VOC content of non-specialty coatings for marine coating operations subject to Rule 67.18 shall not contain more than 340 grams per liter VOC for air dried coatings and not more than 275 grams per liter for baked coatings. (Rule 67.18)
26. Surface preparation for marine coating operations shall meet one of the following requirements:
 - a. The VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. The initial boiling point is at least 190 degrees C (374 degrees F); or
 - c. The total VOC vapor pressure is 45 mm hg or less at 20 degrees C (68 degrees F); or
 - d. The aerospace component is cleaned in an enclosed cleaning material container which is only opened when accessing parts or adding surface cleaning materials. (Rule 67.18)



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27. VOC-containing materials used to clean equipment used in marine coating operations shall meet one of the following requirements:
 - a. the VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. the initial boiling point is at least 190°C (374°F); or
 - c. the total VOC vapor pressure is 20 mm Hg or less at 20°C (68°F); or
 - d. the cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - e. the application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - f. a system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - g. a device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.18)
28. All aerospace coatings used in this operation shall comply with the VOC and Organic HAP content limits of 40 CFR 63 Subpart GG (Aerospace Coating) and with the VOC content limits of 67.9(d)(1), except as provided in 40 CFR 63 Subpart GG 63.741 and Rule 67.9(b)(1). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
29. Aerospace stripping materials shall meet one of the following requirements:
 - a. The VOC content does not exceed 400 grams per liter; or
 - b. The total VOC vapor pressure shall be 9.5 mm hg or less at 20 c (68 F) (Rule 67.9)
30. Permittee shall not use more than 50 gallons or 365 pounds of organic HAP containing chemical strippers per military aircraft depainted for spot stripping and decal removal. (40 CFR 63 Subpart GG)
31. Surface preparation for aerospace coating operations shall meet one of the following requirements:
 - a. The total voc vapor pressure is 45 mm hg or less at 20 degrees C (68 degrees F); or
 - b. The aerospace component is cleaned in an enclosed cleaning material container which is only opened when accessing parts or adding surface cleaning materials. (Rule 67.9, 40 CFR 63 Subpart GG)
32. VOC-containing materials used to clean application equipment for aerospace coating operations shall meet one or more of the following requirements:
 - a. The cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - b. The application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - c. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - d. A device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.9 and 40 CFR 63 Subpart GG)
33. Except as provided in Rule 67.20.1(b)(1) and (b)(3), all automotive coatings used in this operation shall comply with the VOC content limits of 67.20.1(d)(1). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
36. When conducting any operations subject to Motor Vehicle and Mobile Equipment Coating Rule 67.20.1, permittee shall not use any material for surface preparation or any other surface cleaning unless its VOC content is 25 grams or less per liter of material (0.21 lbs/gal), as applied. This VOC content limitation shall not apply to any cleaning material used for the removal of dust, wax, grease, tar, or bugs provided that:
 - a. the VOC content of cleaning material does not exceed 780 grams per liter (6.5 lbs/gal), and
 - b. the cleaning material is applied by non-aerosol, hand-held spray container, and
 - c. not more than 20 gallons per calendar year of such cleaning material are used at the stationary source. (Rule 67.20.1)



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37. Any cleaning of coating application equipment, used in operations subject to Motor Vehicle and Mobile Equipment Coating Rule 67.20.1, shall comply with one of the following requirements:
 - a. the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings; and the application equipment or equipment parts shall be cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning material is being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - b. the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings; and a system that totally encloses the component parts being cleaned during the washing, rinsing, and draining process shall be used; or
 - c. the cleaning material shall not contain any exempt compounds and the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings. (Rule 67.20.1)
38. Except as provided in Rule 67.11(b)(1) and (b)(3), all wood coatings used in this operation shall comply with the VOC content limits of 67.11(d)(2) and (d)(3). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
39. Except as otherwise provided for in section (b), this operation shall comply with all applicable requirements in Wood Coating Rule 67.11, including the VOC limits under subsections (d)(2) and (3). (Rule 67.11)
40. All VOC- containing materials used for stripping wood coating operations shall comply with one of the following requirements:
 - a. Material shall contain 200 grams or less of VOC per liter of material; or
 - b. Material shall have a total VOC vapor pressure of 2 mm Hg or less, at 20°C (68°F). (Rule 67.11)
41. All VOC-containing materials used for wood coating surface preparation shall contain 25 grams or less of VOC per liter of material. (Rule 67.11)
42. All VOC-containing materials used for the cleaning of wood coating application equipment shall comply with one of the following requirements:
 - a. The cleaning material shall contain 25 grams or less of VOC per liter of material; or
 - b. The cleaning material shall be flushed or rinsed through the application equipment in a contained manner that minimizes evaporation into the atmosphere; or
 - c. The application equipment or equipment parts shall be cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning material is being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - d. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes shall be used. (Rule 67.11)
43. A person shall not use spray application equipment or any other means to dispose of waste coatings, coating components, surface preparation materials, or cleaning materials into the air or into filter media, except when momentarily purging coating material from a spray applicator cap immediately before or after applying the coating material. (Rules 21 and 20.3)
44. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

34. The permittee shall not use lead pigmented coatings in any motor vehicle or mobile equipment refinishing operation.



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35. The permittee shall not use or possess hexavalent chromium (chromium VI) or cadmium pigmented coatings in any motor vehicle or mobile equipment refinishing operation. [Title 17 CCR, Section 93112 - Hexavalent chromium and Cadmium Air Toxic Control Measure - Motor Vehicle and Mobile Refinishing Coatings.]
45. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
46. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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EQUIPMENT ADDRESS

Fleet Readiness Center
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PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Industrial Coating Application consisting of:
 One (1) Spray System Inc. open sided spray booth, 29.5'L x 15'H x 35'W with 3 stage filtration system certified by EPA Method 319 & flow measuring device; and three (3) Pyro Industrial Systems electric curing ovens

Using HVLP spray guns to apply compliant coatings and solvents

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [27K] Surface Coating Application Station

BEC: APCD2026-CON-002326

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. The permittee shall conduct all handling and transfer of VOC-containing materials and HAP-containing waste to and from containers, tanks, vats, drums, and piping system in a manner to minimize spills. (40 CFR 63 Subpart II, 40 CFR 63 Subpart GG)
2. All containers, tanks, vats, drums, and piping systems used to store VOC-containing materials and HAP-containing waste shall be maintained free of cracks, holes, and other defects and remain closed unless materials are being added to or removed from them. All materials containing volatile organic compounds shall be stored in such containers. (40 CFR 63 Subpart GG, Rule 67.17)



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3. For marine coating operations, maintain and semi-annually report the following: a summary of the number, magnitude, duration, and cause of deviations during the reporting period, the cause of violation, identification of data availability achieved during the reporting period, identification of the compliance status as of the last day of the reporting period and whether compliance was continuous or intermittent, also record and semi-annually report the reason for each deviation, and a description of the corrective action taken for each deviation, including action taken to minimize each deviation and action taken to prevent recurrence. (40 CFR 63 Subpart II)
4. On a semiannual basis, the Permittee shall provide all records required by this permit for marine coating activities to the District and EPA, except for Certification of the as-supplied VOC content of each batch of coating are not required to be reported. In addition, the Permittee shall report to District and EPA whether containers used in conjunction with marine coating activities met the standards stated in this permit. (Rule 67.18, 40 CFR 63 Subpart II)
5. On a semiannual basis, the permittee shall report to the District and EPA any instances where primers or topcoats used on aerospace parts exceeded the applicable Rule 67.9 or 40 CFR 63 Subpart GG VOC limits.
6. On a semiannual basis, the Permittee shall report to the District and EPA all instances where the primer or topcoat application operation applied to aerospace parts was not immediately shut down when the pressure drop across the particulate filter system was outside the limits specified herein. (40 CFR 63 Subpart GG)
7. On a semiannual basis, the Permittee shall report to the district and EPA any instance where a non-compliant cleaning solvent is used for a non-exempt hand wipe cleaning related to aerospace operations, a noncompliant spray gun cleaning method is used, and any instance where a leaking enclosed spray gun cleaner remains unrepaired and in use for more than 15 days. In addition, the Permittee shall report a list of any new cleaning solvents used for hand wipe cleaning used in aerospace operations and provide information on the composite vapor pressure of the new solvent. (Rule 67.9, 40 CFR 63 Subpart GG)
8. If requested by the District or EPA, the applicable test methods listed in Rules 67.9 or 67.3 or 67.11 or 67.20.1 or 67.18 Section (G), as applicable to the substrate being coated, shall be used to determine compliance with the applicable standards of Rules 67.9, 67.20.1, 67.11, 67.3 and 67.18 Section (D).
9. Coatings shall not be applied unless exhaust fans and exhaust filters are installed and operating properly. (Rule 1200, 40 CFR 63 Subpart GG)
10. A differential pressure gauge shall be installed across the three stage filter system in each of the four sections of the spray booth. The pressure gauge shall be properly calibrated to operate within the range of 0 to 3 inches of water gauge (W.G.). Gauge reading in section(s) used, as labeled, shall be recorded at least once per shift when coatings are applied in the equipment described above. The reading shall be taken while the equipment is in operation. [Rule 1200, 40 CFR 63 Subpart GG]
11. The differential pressure reading across the filters shall be maintained between 0.5 and 2.25 inches of water. If the pressure drop across the filter falls outside the specified limits, the Permittee shall shut down the system immediately and take corrective action. If the maintenance procedures for the filter have not been performed as scheduled, the Permittee shall shut down the system immediately and take corrective action. The operation shall not resume until the pressure drop is returned within the specified limits. [Rule 1200, 40 CFR 63 Subpart GG]
12. The equipment listed above shall be maintained and operated in accordance with the manufacturer's specifications or a site specific operation and maintenance plan. The manufacturer's specifications or site specific operation and maintenance plan shall be maintained on site and made available to the District. [Rule 20.3]
13. Records of all inspections, repairs, malfunctions and breakdowns shall be maintained on site for the above equipment. [Rule 20.3]
14. At no time shall the subject equipment cause or contribute to a nuisance as specified in District Rule 51. If compliance with Rule 51 cannot be demonstrated to the satisfaction of the District, the applicant will take whatever corrective action necessary to meet applicable requirements. If corrective action requires any physical change or modification to the subject equipment, the applicant shall apply for and obtain an Authority to Construct for all such modifications. (Rule 51)



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15. Except during marine coating operations subject to Rule 67.18, permittee shall only apply coatings using one of the following methods: High Volume Low Pressure (HVLP) spray application, electrostatic spray application, flow coat application, dip coat, roll coat, or hand application methods (i. e. brushes, rollers, markers, marking pens, etc.). Alternatively, an equivalent application method that has been approved by the District in writing may be used. Airless spray application shall only be used for aerospace maskants and aerospace temporary protective coatings. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
16. High volume low pressure (HVLP), airless, and electrostatic application equipment shall be operated and maintained in accordance with the manufacturer's instructions. For HVLP equipment, the applicant will have available on site pressure gauge(s) in proper operating condition to measure the air cap pressure or have available manufacturer's technical information showing the correlation between the handle air inlet pressure and the air cap pressure. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
17. If the correlation option specified above is chosen to demonstrate compliance, a handle air inlet pressure gauge will be required on site in proper operating condition to measure the handle air inlet pressure. The applicant shall maintain a permanent air pressure at the air cap of 0.1 to 10 psig. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
18. For the purposes of marine coating operations, exempt compounds, as defined in District Rule 2 that are also defined as Hazardous Air Pollutants (HAP) by EPA must be included in determining compliance with any VOC limits for marine coatings in this permit (Rule 67.18 and 40 CFR 63 Subpart II).



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19. Permittee shall maintain the following records in accordance with Rule 67.20.1 (for motor vehicle coating operation), with Rule 67.3 (for metal parts and products coating operation), with Rule 67.18 (for marine coating operations) with Rule 67.9 (for aerospace coating operation) and with 67.11 (for wood coating operation). These records shall be maintained on site for at least five (5) years and shall be made readily available to the District upon request:
- a. Current list of all VOC-containing materials in use, including but not limited to all coatings, coating component for multi-component coatings (such as bases, catalysts, thinners or reducers, when supplied in separate containers), and materials used for surface preparation, equipment cleaning, and stripping. This list shall include the following information:
 - 1. material name, manufacturer and manufacturer identification;
 - 2. current documentation to demonstrate applicability of any coating category pursuant to Rules 67.3, 67.9, 67.18, 67.20.1 and 67.11;
 - 3. mix ratio, when applicable;
 - b. For coatings, other than low-solids coatings, the VOC content expressed in grams per liter (or lbs/gal), as applied, less water and exempt compounds; and mix ratio of components, if applicable;
 - c. For surface preparation, cleaning and stripping materials or for low-solids coatings, the VOC content expressed in grams per liter (or lbs/gal) of material, as used;
 - d. Vapor pressure and/or boiling point of materials used for surface preparation, equipment cleaning, and stripping, when necessary, to demonstrate compliance with each prohibitory rule;
 - e. Current manufacturer specification sheets, material safety data sheets (MSDS), product data sheets, or technical bulletins for all materials in use, which shall list all components within each VOC-containing material in use. The manufacturer specification sheets, material safety data sheets, product data sheets, or technical bulletins shall also include: the VOC content (actual and regulatory), toxic air contaminant (TAC) content weight or weight percentage, and material density (weight per volume) or material specific gravity (material density relative to the density of water) for all materials in use;
 - f. Daily or monthly usage of materials containing VOCs for each substrate (i.e. aerospace, metal, wood, motor vehicle or mobile equipment, or marine) ;
 - g. Monthly inventory, purchasing or dispensing records of the amount of each stripping, surface preparation and cleaning material used;
 - h. Records of the dates and amounts of material added to coating dip tanks, when applicable;
 - i. Type of application equipment used;
 - j. Records of all inspections, repairs, malfunctions and breakdowns ; and,
 - k. if applicable, records of actual and maximum oven drying temperatures.
 - l. If claiming an exemption from a VOC content requirement of 67.9, 67.18 or 40 CFR 63 Subparts GG or II, the applicable exemption and records such as quantity used to substantiate the exemption.
 - m. For marine coatings subject to 40 CFR 63 Subpart II which are used with thinners, all information necessary to substantiate compliance with the applicable VOC standard of that rule.
 - n. For marine coatings subject to 40 CFR 63 Subpart II, Certification of the as-supplied VOC content of each batch of coating (Rules 67.3, 67.9, 67.18, 67.11, 67.20.1 and 40 CFR 63 Subpart GG and II)
20. Except as provided in Rule 67.3(b)(1) and (b)(3), all metal coatings used in this operation shall comply with the VOC content limits of 67.3(d)(2) and (d)(3). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
21. The VOC content of non-specialty coatings applied to metal parts and products subject to Rule 67.3 shall not contain more than 340 grams per liter VOC for air dried coatings and not more than 275 grams per liter for baked coatings. (Rule 67.3)
22. Metal surface preparation materials shall meet one of the following requirements:
- a. the VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. the initial boiling point is at least 190° C (374° F); or
 - c. the total VOC vapor pressure is 20 mm Hg or less at 20° C (68° F). (Rule 67.3)



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23. VOC-containing materials used to clean application equipment for metal coating operations shall meet one of the following requirements:
 - a. The VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. The initial boiling point is at least 190 degrees C (374 degrees F); or
 - c. The total VOC vapor pressure is 20 mm Hg or less at 20 degrees C (68 degrees F); or
 - d. The cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - e. The application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - f. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - g. A device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.3)
24. All marine coatings used in this operation shall comply with the Volatile Organic HAP content limits of 40 CFR 63 Subpart II (Marine Coating) and with the VOC content limits of 67.18(d)(1) and (d)(2), except as provided in 40 CFR 63 Subpart II 63.781 and Rule 67.18(b). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
25. The VOC content of non-specialty coatings for marine coating operations subject to Rule 67.18 shall not contain more than 340 grams per liter VOC for air dried coatings and not more than 275 grams per liter for baked coatings. (Rule 67.18)
26. Surface preparation for marine coating operations shall meet one of the following requirements:
 - a. The VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. The initial boiling point is at least 190 degrees C (374 degrees F); or
 - c. The total VOC vapor pressure is 45 mm hg or less at 20 degrees C (68 degrees F); or
 - d. The aerospace component is cleaned in an enclosed cleaning material container which is only opened when accessing parts or adding surface cleaning materials. (Rule 67.18)
27. VOC-containing materials used to clean equipment used in marine coating operations shall meet one of the following requirements:
 - a. the VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. the initial boiling point is at least 190°C (374°F); or
 - c. the total VOC vapor pressure is 20 mm Hg or less at 20°C (68°F); or
 - d. the cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - e. the application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - f. a system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - g. a device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.18)
28. All aerospace coatings used in this operation shall comply with the VOC and Organic HAP content limits of 40 CFR 63 Subpart GG (Aerospace Coating) and with the VOC content limits of 67.9(d)(1), except as provided in 40 CFR 63 Subpart GG 63.741 and Rule 67.9(b)(1). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
29. Aerospace stripping materials shall meet one of the following requirements:
 - a. The VOC content does not exceed 400 grams per liter; or
 - b. The total VOC vapor pressure shall be 9.5 mm hg or less at 20 c (68 F) (Rule 67.9)



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30. Permittee shall not use more than 50 gallons or 365 pounds of organic HAP containing chemical strippers per military aircraft depainted for spot stripping and decal removal. (40 CFR 63 Subpart GG)
31. Surface preparation for aerospace coating operations shall meet one of the following requirements:
 - a. The total voc vapor pressure is 45 mm hg or less at 20 degrees C (68 degrees F); or
 - b. The aerospace component is cleaned in an enclosed cleaning material container which is only opened when accessing parts or adding surface cleaning materials. (Rule 67.9, 40 CFR 63 Subpart GG)
32. VOC-containing materials used to clean application equipment for aerospace coating operations shall meet one or more of the following requirements:
 - a. The cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - b. The application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - c. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - d. A device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.9 and 40 CFR 63 Subpart GG)
33. Except as provided in Rule 67.20.1(b)(1) and (b)(3), all automotive coatings used in this operation shall comply with the VOC content limits of 67.20.1(d)(1). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
36. When conducting any operations subject to Motor Vehicle and Mobile Equipment Coating Rule 67.20.1, permittee shall not use any material for surface preparation or any other surface cleaning unless its VOC content is 25 grams or less per liter of material (0.21 lbs/gal), as applied. This VOC content limitation shall not apply to any cleaning material used for the removal of dust, wax, grease, tar, or bugs provided that:
 - a. the VOC content of cleaning material does not exceed 780 grams per liter (6.5 lbs/gal), and
 - b. the cleaning material is applied by non-aerosol, hand-held spray container, and
 - c. not more than 20 gallons per calendar year of such cleaning material are used at the stationary source. (Rule 67.20.1)
37. Any cleaning of coating application equipment, used in operations subject to Motor Vehicle and Mobile Equipment Coating Rule 67.20.1, shall comply with one of the following requirements:
 - a. the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings; and the application equipment or equipment parts shall be cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning material is being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - b. the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings; and a system that totally encloses the component parts being cleaned during the washing, rinsing, and draining process shall be used; or
 - c. the cleaning material shall not contain any exempt compounds and the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings. (Rule 67.20.1)
38. Except as provided in Rule 67.11(b)(1) and (b)(3), all wood coatings used in this operation shall comply with the VOC content limits of 67.11(d)(2) and (d)(3). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.



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- 39. Except as otherwise provided for in section (b), this operation shall comply with all applicable requirements in Wood Coating Rule 67.11, including the VOC limits under subsections (d)(2) and (3). (Rule 67.11)
- 40. All VOC- containing materials used for stripping wood coating operations shall comply with one of the following requirements:
 - a. Material shall contain 200 grams or less of VOC per liter of material; or
 - b. Material shall have a total VOC vapor pressure of 2 mm Hg or less, at 20°C (68°F). (Rule 67.11)
- 41. All VOC-containing materials used for wood coating surface preparation shall contain 25 grams or less of VOC per liter of material. (Rule 67.11)
- 42. All VOC-containing materials used for the cleaning of wood coating application equipment shall comply with one of the following requirements:
 - a. The cleaning material shall contain 25 grams or less of VOC per liter of material; or
 - b. The cleaning material shall be flushed or rinsed through the application equipment in a contained manner that minimizes evaporation into the atmosphere; or
 - c. The application equipment or equipment parts shall be cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning material is being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - d. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes shall be used. (Rule 67.11)
- 43. A person shall not use spray application equipment or any other means to dispose of waste coatings, coating components, surface preparation materials, or cleaning materials into the air or into filter media, except when momentarily purging coating material from a spray applicator cap immediately before or after applying the coating material. (Rules 21 and 20.3)
- 44. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

- 34. The permittee shall not use lead pigmented coatings in any motor vehicle or mobile equipment refinishing operation.
- 35. The permittee shall not use or possess hexavalent chromium (chromium VI) or cadmium pigmented coatings in any motor vehicle or mobile equipment refinishing operation. [Title 17 CCR, Section 93112 - Hexavalent chromium and Cadmium Air Toxic Control Measure - Motor Vehicle and Mobile Refinishing Coatings.]
- 45. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
- 46. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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APCD2008-PTO-005286

Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

INDUSTRIAL COATING APPLICATION STATION: ONE (1) PAINT SPRAY BOOTH CELL NO.1, 121,550 CU. FT., CUSTOM-MADE 55' X 85' X 26'H, EQUIPPED WITH EPA METHOD 319 APPROVED PARTICULATE FILTERS, DIFFERENTIAL PRESSURE GAUGE AND EXHAUST FAN (LOCATED IN BUILDING 464); USING HVLP SPRAY GUNS TO APPLY COMPLIANT COATINGS AND SOLVENTS.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [27K] Surface Coating Application Station

BEC: APCD2024-CON-002143

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

- Coating operations described in permits to operate APCD2008-PTO-005286, APCD2008-PTO-005287, APCD2008-PTO-005288, APCD2008-PTO-005289, APCD2008-PTO-005290, APCD2008-PTO-005291, APCD2008-PTO-005292, APCD2008-PTO-005293, APCD2024-PTO-005081 shall not simultaneously operate more than 8 independent paint bay cells in any given hour. A paint cell shall not be considered in operation if VOC containing materials are not being actively used. (Rule 21 and 20.3)
- All materials containing volatile organic compounds (VOC) or toxic air contaminants (TACs) shall only be applied in the booth specified above, where the exhaust fans and exhaust filters are installed and operating properly. (Rule 20.3 and 1200)
- Coating operations described in permits to operate APCD2008-PTO-005286, APCD2008-PTO-005287, APCD2008-PTO-005288, APCD2008-PTO-005289, APCD2008-PTO-005290, APCD2008-PTO-005291, APCD2008-PTO-005292, APCD2008-PTO-005293, APCD2024-PTO-005081 shall not exceed 9.73 tons of VOC emissions in any given 12-month period. (Rule 21 and 20.3)



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4. The permittee shall conduct all handling and transfer of VOC-containing materials and HAP-containing waste to and from containers, tanks, vats, drums, and piping system in a manner to minimize spills. (40 CFR 63 Subpart II, 40 CFR 63 Subpart GG)
5. All containers, tanks, vats, drums, and piping systems used to store VOC-containing materials and HAP-containing waste shall be maintained free of cracks, holes, and other defects and remain closed unless materials are being added to or removed from them. All materials containing volatile organic compounds shall be stored in such containers. (40 CFR 63 Subpart GG, Rule 67.17)
6. For marine coating operations, maintain and semi-annually report the following: a summary of the number, magnitude, duration, and cause of deviations during the reporting period, the cause of violation, identification of data availability achieved during the reporting period, identification of the compliance status as of the last day of the reporting period and whether compliance was continuous or intermittent, also record and semi-annually report the reason for each deviation, and a description of the corrective action taken for each deviation, including action taken to minimize each deviation and action taken to prevent recurrence. (40 CFR 63 Subpart II)
7. On a semiannual basis, the Permittee shall provide all records required by this permit for marine coating activities to the District and EPA, except for Certification of the as-supplied VOC content of each batch of coating are not required to be reported. In addition, the Permittee shall report to District and EPA whether containers used in conjunction with marine coating activities met the standards stated in this permit. (Rule 67.18, 40 CFR 63 Subpart II)
8. On a semiannual basis, the permittee shall report to the District and EPA any instances where primers or topcoats used on aerospace parts exceeded the applicable Rule 67.9 or 40 CFR 63 Subpart GG VOC limits.
9. On a semiannual basis, the Permittee shall report to the District and EPA all instances where the primer or topcoat application operation applied to aerospace parts was not immediately shut down when the pressure drop across the particulate filter system was outside the limits specified herein. (40 CFR 63 Subpart GG)
10. On a semiannual basis, the Permittee shall report to the district and EPA any instance where a non-compliant cleaning solvent is used for a non-exempt hand wipe cleaning related to aerospace operations, a noncompliant spray gun cleaning method is used, and any instance where a leaking enclosed spray gun cleaner remains unrepaired and in use for more than 15 days. In addition, the Permittee shall report a list of any new cleaning solvents used for hand wipe cleaning used in aerospace operations and provide information on the composite vapor pressure of the new solvent. (Rule 67.9, 40 CFR 63 Subpart GG)
11. If requested by the District or EPA, the applicable test methods listed in Rules 67.9 or 67.3 or 67.11 or 67.20.1 or 67.18 Section (G), as applicable to the substrate being coated, shall be used to determine compliance with the applicable standards of Rules 67.9, 67.20.1, 67.11, 67.3 and 67.18 Section (D).
12. Coatings shall not be applied unless exhaust fans and exhaust filters are installed and operating properly. (Rule 1200, 40 CFR 63 Subpart GG)
13. A differential pressure gauge shall be installed across the three stage filter system in each of the four sections of the spray booth. The pressure gauge shall be properly calibrated to operate within the range of 0 to 3 inches of water gauge (W.G.). Gauge reading in section(s) used, as labeled, shall be recorded at least once per shift when coatings are applied in the equipment described above. The reading shall be taken while the equipment is in operation. [Rule 1200, 40 CFR 63 Subpart GG]
14. The differential pressure reading across the filters shall be maintained between 0.5 and 2.25 inches of water. If the pressure drop across the filter falls outside the specified limits, the Permittee shall shut down the system immediately and take corrective action. If the maintenance procedures for the filter have not been performed as scheduled, the Permittee shall shut down the system immediately and take corrective action. The operation shall not resume until the pressure drop is returned within the specified limits. [Rule 1200, 40 CFR 63 Subpart GG]
15. The equipment listed above shall be maintained and operated in accordance with the manufacturer's specifications or a site specific operation and maintenance plan. The manufacturer's specifications or site specific operation and maintenance plan shall be maintained on site and made available to the District. [Rule 20.3]
16. Records of all inspections, repairs, malfunctions and breakdowns shall be maintained on site for the above equipment. [Rule 20.3]



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17. At no time shall the subject equipment cause or contribute to a nuisance as specified in District Rule 51. If compliance with Rule 51 cannot be demonstrated to the satisfaction of the District, the applicant will take whatever corrective action necessary to meet applicable requirements. If corrective action requires any physical change or modification to the subject equipment, the applicant shall apply for and obtain an Authority to Construct for all such modifications. (Rule 51)
18. Except during marine coating operations subject to Rule 67.18, permittee shall only apply coatings using one of the following methods: High Volume Low Pressure (HVLP) spray application, electrostatic spray application, flow coat application, dip coat, roll coat, or hand application methods (i. e. brushes, rollers, markers, marking pens, etc.). Alternatively, an equivalent application method that has been approved by the District in writing may be used. Airless spray application shall only be used for aerospace maskants and aerospace temporary protective coatings. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
19. High volume low pressure (HVLP), airless, and electrostatic application equipment shall be operated and maintained in accordance with the manufacturer's instructions. For HVLP equipment, the applicant will have available on site pressure gauge(s) in proper operating condition to measure the air cap pressure or have available manufacturer's technical information showing the correlation between the handle air inlet pressure and the air cap pressure. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
20. If the correlation option specified above is chosen to demonstrate compliance, a handle air inlet pressure gauge will be required on site in proper operating condition to measure the handle air inlet pressure. The applicant shall maintain a permanent air pressure at the air cap of 0.1 to 10 psig. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
21. For the purposes of marine coating operations, exempt compounds, as defined in District Rule 2 that are also defined as Hazardous Air Pollutants (HAP) by EPA must be included in determining compliance with any VOC limits for marine coatings in this permit (Rule 67.18 and 40 CFR 63 Subpart II).



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22. Permittee shall maintain the following records in accordance with Rule 67.20.1 (for motor vehicle coating operation), with Rule 67.3 (for metal parts and products coating operation), with Rule 67.18 (for marine coating operations) with Rule 67.9 (for aerospace coating operation) and with 67.11 (for wood coating operation). These records shall be maintained on site for at least five (5) years and shall be made readily available to the District upon request:
- a. Current list of all VOC-containing materials in use, including but not limited to all coatings, coating component for multi-component coatings (such as bases, catalysts, thinners or reducers, when supplied in separate containers), and materials used for surface preparation, equipment cleaning, and stripping. This list shall include the following information:
 - 1. material name, manufacturer and manufacturer identification;
 - 2. current documentation to demonstrate applicability of any coating category pursuant to Rules 67.3, 67.9, 67.18, 67.20.1 and 67.11;
 - 3. mix ratio, when applicable;
 - b. For coatings, other than low-solids coatings, the VOC content expressed in grams per liter (or lbs/gal), as applied, less water and exempt compounds; and mix ratio of components, if applicable;
 - c. For surface preparation, cleaning and stripping materials or for low-solids coatings, the VOC content expressed in grams per liter (or lbs/gal) of material, as used;
 - d. Vapor pressure and/or boiling point of materials used for surface preparation, equipment cleaning, and stripping, when necessary, to demonstrate compliance with each prohibitory rule;
 - e. Current manufacturer specification sheets, material safety data sheets (MSDS), product data sheets, or technical bulletins for all materials in use, which shall list all components within each VOC-containing material in use. The manufacturer specification sheets, material safety data sheets, product data sheets, or technical bulletins shall also include: the VOC content (actual and regulatory), toxic air contaminant (TAC) content weight or weight percentage, and material density (weight per volume) or material specific gravity (material density relative to the density of water) for all materials in use;
 - f. Hourly operation records of each independent paint bay cell;
 - g. Daily or monthly usage of materials containing VOCs for each substrate (i.e. aerospace, metal, wood, motor vehicle or mobile equipment, or marine) ;
 - h. Monthly inventory, purchasing or dispensing records of the amount of each stripping, surface preparation and cleaning material used;
 - i. Records of the dates and amounts of material added to coating dip tanks, when applicable;
 - j. Type of application equipment used;
 - k. Records of all inspections, repairs, malfunctions and breakdowns ; and,
 - l. if applicable, records of actual and maximum oven drying temperatures.
 - m. If claiming an exemption from a VOC content requirement of 67.9, 67.18 or 40 CFR 63 Subparts GG or II, the applicable exemption and records such as quantity used to substantiate the exemption.
 - n. For marine coatings subject to 40 CFR 63 Subpart II which are used with thinners, all information necessary to substantiate compliance with the applicable VOC standard of that rule.
 - o. For marine coatings subject to 40 CFR 63 Subpart II, Certification of the as-supplied VOC content of each batch of coating (Rules 67.3, 67.9, 67.18, 67.11, 67.20.1 and 40 CFR 63 Subpart GG and II)
23. Except as provided in Rule 67.3(b)(1) and (b)(3), all metal coatings used in this operation shall comply with the VOC content limits of 67.3(d)(2) and (d)(3). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
24. The VOC content of non-specialty coatings applied to metal parts and products subject to Rule 67.3 shall not contain more than 340 grams per liter VOC for air dried coatings and not more than 275 grams per liter for baked coatings. (Rule 67.3)
25. Metal surface preparation materials shall meet one of the following requirements:
- a. the VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. the initial boiling point is at least 190° C (374° F); or
 - c. the total VOC vapor pressure is 20 mm Hg or less at 20° C (68° F). (Rule 67.3)



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26. VOC-containing materials used to clean application equipment for metal coating operations shall meet one of the following requirements:
 - a. The VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. The initial boiling point is at least 190 degrees C (374 degrees F); or
 - c. The total VOC vapor pressure is 20 mm Hg or less at 20 degrees C (68 degrees F); or
 - d. The cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - e. The application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - f. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - g. A device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.3)
27. All marine coatings used in this operation shall comply with the Volatile Organic HAP content limits of 40 CFR 63 Subpart II (Marine Coating) and with the VOC content limits of 67.18(d)(1) and (d)(2), except as provided in 40 CFR 63 Subpart II 63.781 and Rule 67.18(b). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
28. The VOC content of non-specialty coatings for marine coating operations subject to Rule 67.18 shall not contain more than 340 grams per liter VOC for air dried coatings and not more than 275 grams per liter for baked coatings. (Rule 67.18)
29. Surface preparation for marine coating operations shall meet one of the following requirements:
 - a. The VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. The initial boiling point is at least 190 degrees C (374 degrees F); or
 - c. The total VOC vapor pressure is 45 mm hg or less at 20 degrees C (68 degrees F); or
 - d. The aerospace component is cleaned in an enclosed cleaning material container which is only opened when accessing parts or adding surface cleaning materials. (Rule 67.18)
30. VOC-containing materials used to clean equipment used in marine coating operations shall meet one of the following requirements:
 - a. the VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. the initial boiling point is at least 190°C (374°F); or
 - c. the total VOC vapor pressure is 20 mm Hg or less at 20°C (68°F); or
 - d. the cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - e. the application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - f. a system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - g. a device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.18)
31. All aerospace coatings used in this operation shall comply with the VOC and Organic HAP content limits of 40 CFR 63 Subpart GG (Aerospace Coating) and with the VOC content limits of 67.9(d)(1), except as provided in 40 CFR 63 Subpart GG 63.741 and Rule 67.9(b)(1). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
32. Aerospace stripping materials shall meet one of the following requirements:
 - a. The VOC content does not exceed 400 grams per liter; or
 - b. The total VOC vapor pressure shall be 9.5 mm hg or less at 20 c (68 F) (Rule 67.9)



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33. Permittee shall not use more than 50 gallons or 365 pounds of organic HAP containing chemical strippers per military aircraft depainted for spot stripping and decal removal. (40 CFR 63 Subpart GG)
34. Surface preparation for aerospace coating operations shall meet one of the following requirements:
 - a. The total voc vapor pressure is 45 mm hg or less at 20 degrees C (68 degrees F); or
 - b. The aerospace component is cleaned in an enclosed cleaning material container which is only opened when accessing parts or adding surface cleaning materials. (Rule 67.9, 40 CFR 63 Subpart GG)
35. VOC-containing materials used to clean application equipment for aerospace coating operations shall meet one or more of the following requirements:
 - a. The cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - b. The application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - c. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - d. A device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.9 and 40 CFR 63 Subpart GG)
36. Except as provided in Rule 67.20.1(b)(1) and (b)(3), all automotive coatings used in this operation shall comply with the VOC content limits of 67.20.1(d)(1). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
39. When conducting any operations subject to Motor Vehicle and Mobile Equipment Coating Rule 67.20.1, permittee shall not use any material for surface preparation or any other surface cleaning unless its VOC content is 25 grams or less per liter of material (0.21 lbs/gal), as applied. This VOC content limitation shall not apply to any cleaning material used for the removal of dust, wax, grease, tar, or bugs provided that:
 - a. the VOC content of cleaning material does not exceed 780 grams per liter (6.5 lbs/gal), and
 - b. the cleaning material is applied by non-aerosol, hand-held spray container, and
 - c. not more than 20 gallons per calendar year of such cleaning material are used at the stationary source. (Rule 67.20.1)
40. Any cleaning of coating application equipment, used in operations subject to Motor Vehicle and Mobile Equipment Coating Rule 67.20.1, shall comply with one of the following requirements:
 - a. the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings; and the application equipment or equipment parts shall be cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning material is being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - b. the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings; and a system that totally encloses the component parts being cleaned during the washing, rinsing, and draining process shall be used; or
 - c. the cleaning material shall not contain any exempt compounds and the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings. (Rule 67.20.1)
41. Except as provided in Rule 67.11(b)(1) and (b)(3), all wood coatings used in this operation shall comply with the VOC content limits of 67.11(d)(2) and (d)(3). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.



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- 42. Except as otherwise provided for in section (b), this operation shall comply with all applicable requirements in Wood Coating Rule 67.11, including the VOC limits under subsections (d)(2) and (3). (Rule 67.11)
- 43. All VOC- containing materials used for stripping wood coating operations shall comply with one of the following requirements:
 - a. Material shall contain 200 grams or less of VOC per liter of material; or
 - b. Material shall have a total VOC vapor pressure of 2 mm Hg or less, at 20°C (68°F). (Rule 67.11)
- 44. All VOC-containing materials used for wood coating surface preparation shall contain 25 grams or less of VOC per liter of material. (Rule 67.11)
- 45. All VOC-containing materials used for the cleaning of wood coating application equipment shall comply with one of the following requirements:
 - a. The cleaning material shall contain 25 grams or less of VOC per liter of material; or
 - b. The cleaning material shall be flushed or rinsed through the application equipment in a contained manner that minimizes evaporation into the atmosphere; or
 - c. The application equipment or equipment parts shall be cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning material is being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - d. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes shall be used. (Rule 67.11)
- 46. A person shall not use spray application equipment or any other means to dispose of waste coatings, coating components, surface preparation materials, or cleaning materials into the air or into filter media, except when momentarily purging coating material from a spray applicator cap immediately before or after applying the coating material. (Rules 21 and 20.3)
- 47. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

- 37. The permittee shall not use lead pigmented coatings in any motor vehicle or mobile equipment refinishing operation.
- 38. The permittee shall not use or possess hexavalent chromium (chromium VI) or cadmium pigmented coatings in any motor vehicle or mobile equipment refinishing operation. [Title 17 CCR, Section 93112 - Hexavalent chromium and Cadmium Air Toxic Control Measure - Motor Vehicle and Mobile Refinishing Coatings.]
- 48. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
- 49. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

INDUSTRIAL COATING APPLICATION STATION: ONE (1) PAINT SPRAY CELL NO. 2, 121,550 CU. FT., CUSTOM-MADE, 55' X 85' X 26'H, EQUIPPED WITH EPA METHOD 319 APPROVED PARTICULATE FILTERS, DIFFERENTIAL PRESSURE GAUGE AND EXHAUST FAN (LOCATED IN BUILDING 464); USING HVLP SPRAY GUNS TO APPLY COMPLYING COATINGS AND SOLVENTS. 984303(ABG)

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [27K] Surface Coating Application Station

BEC: APCD2024-CON-002143

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

- Coating operations described in permits to operate APCD2008-PTO-005286, APCD2008-PTO-005287, APCD2008-PTO-005288, APCD2008-PTO-005289, APCD2008-PTO-005290, APCD2008-PTO-005291, APCD2008-PTO-005292, APCD2008-PTO-005293, APCD2024-PTO-005081 shall not simultaneously operate more than 8 independent paint bay cells in any given hour. A paint cell shall not be considered in operation if VOC containing materials are not being actively used. (Rule 21 and 20.3)
- All materials containing volatile organic compounds (VOC) or toxic air contaminants (TACs) shall only be applied in the booth specified above, where the exhaust fans and exhaust filters are installed and operating properly. (Rule 20.3 and 1200)
- Coating operations described in permits to operate APCD2008-PTO-005286, APCD2008-PTO-005287, APCD2008-PTO-005288, APCD2008-PTO-005289, APCD2008-PTO-005290, APCD2008-PTO-005291, APCD2008-PTO-005292, APCD2008-PTO-005293, APCD2024-PTO-005081 shall not exceed 9.73 tons of VOC emissions in any given 12-month period. (Rule 21 and 20.3)



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4. The permittee shall conduct all handling and transfer of VOC-containing materials and HAP-containing waste to and from containers, tanks, vats, drums, and piping system in a manner to minimize spills. (40 CFR 63 Subpart II, 40 CFR 63 Subpart GG)
5. All containers, tanks, vats, drums, and piping systems used to store VOC-containing materials and HAP-containing waste shall be maintained free of cracks, holes, and other defects and remain closed unless materials are being added to or removed from them. All materials containing volatile organic compounds shall be stored in such containers. (40 CFR 63 Subpart GG, Rule 67.17)
6. For marine coating operations, maintain and semi-annually report the following: a summary of the number, magnitude, duration, and cause of deviations during the reporting period, the cause of violation, identification of data availability achieved during the reporting period, identification of the compliance status as of the last day of the reporting period and whether compliance was continuous or intermittent, also record and semi-annually report the reason for each deviation, and a description of the corrective action taken for each deviation, including action taken to minimize each deviation and action taken to prevent recurrence. (40 CFR 63 Subpart II)
7. On a semiannual basis, the Permittee shall provide all records required by this permit for marine coating activities to the District and EPA, except for Certification of the as-supplied VOC content of each batch of coating are not required to be reported. In addition, the Permittee shall report to District and EPA whether containers used in conjunction with marine coating activities met the standards stated in this permit. (Rule 67.18, 40 CFR 63 Subpart II)
8. On a semiannual basis, the permittee shall report to the District and EPA any instances where primers or topcoats used on aerospace parts exceeded the applicable Rule 67.9 or 40 CFR 63 Subpart GG VOC limits.
9. On a semiannual basis, the Permittee shall report to the District and EPA all instances where the primer or topcoat application operation applied to aerospace parts was not immediately shut down when the pressure drop across the particulate filter system was outside the limits specified herein. (40 CFR 63 Subpart GG)
10. On a semiannual basis, the Permittee shall report to the district and EPA any instance where a non-compliant cleaning solvent is used for a non-exempt hand wipe cleaning related to aerospace operations, a noncompliant spray gun cleaning method is used, and any instance where a leaking enclosed spray gun cleaner remains unrepaired and in use for more than 15 days. In addition, the Permittee shall report a list of any new cleaning solvents used for hand wipe cleaning used in aerospace operations and provide information on the composite vapor pressure of the new solvent. (Rule 67.9, 40 CFR 63 Subpart GG)
11. If requested by the District or EPA, the applicable test methods listed in Rules 67.9 or 67.3 or 67.11 or 67.20.1 or 67.18 Section (G), as applicable to the substrate being coated, shall be used to determine compliance with the applicable standards of Rules 67.9, 67.20.1, 67.11, 67.3 and 67.18 Section (D).
12. Coatings shall not be applied unless exhaust fans and exhaust filters are installed and operating properly. (Rule 1200, 40 CFR 63 Subpart GG)
13. A differential pressure gauge shall be installed across the three stage filter system in each of the four sections of the spray booth. The pressure gauge shall be properly calibrated to operate within the range of 0 to 3 inches of water gauge (W.G.). Gauge reading in section(s) used, as labeled, shall be recorded at least once per shift when coatings are applied in the equipment described above. The reading shall be taken while the equipment is in operation. [Rule 1200, 40 CFR 63 Subpart GG]
14. The differential pressure reading across the filters shall be maintained between 0.5 and 2.25 inches of water. If the pressure drop across the filter falls outside the specified limits, the Permittee shall shut down the system immediately and take corrective action. If the maintenance procedures for the filter have not been performed as scheduled, the Permittee shall shut down the system immediately and take corrective action. The operation shall not resume until the pressure drop is returned within the specified limits. [Rule 1200, 40 CFR 63 Subpart GG]
15. The equipment listed above shall be maintained and operated in accordance with the manufacturer's specifications or a site specific operation and maintenance plan. The manufacturer's specifications or site specific operation and maintenance plan shall be maintained on site and made available to the District. [Rule 20.3]
16. Records of all inspections, repairs, malfunctions and breakdowns shall be maintained on site for the above equipment. [Rule 20.3]



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17. At no time shall the subject equipment cause or contribute to a nuisance as specified in District Rule 51. If compliance with Rule 51 cannot be demonstrated to the satisfaction of the District, the applicant will take whatever corrective action necessary to meet applicable requirements. If corrective action requires any physical change or modification to the subject equipment, the applicant shall apply for and obtain an Authority to Construct for all such modifications. (Rule 51)
18. Except during marine coating operations subject to Rule 67.18, permittee shall only apply coatings using one of the following methods: High Volume Low Pressure (HVLP) spray application, electrostatic spray application, flow coat application, dip coat, roll coat, or hand application methods (i. e. brushes, rollers, markers, marking pens, etc.). Alternatively, an equivalent application method that has been approved by the District in writing may be used. Airless spray application shall only be used for aerospace maskants and aerospace temporary protective coatings. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
19. High volume low pressure (HVLP), airless, and electrostatic application equipment shall be operated and maintained in accordance with the manufacturer's instructions. For HVLP equipment, the applicant will have available on site pressure gauge(s) in proper operating condition to measure the air cap pressure or have available manufacturer's technical information showing the correlation between the handle air inlet pressure and the air cap pressure. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
20. If the correlation option specified above is chosen to demonstrate compliance, a handle air inlet pressure gauge will be required on site in proper operating condition to measure the handle air inlet pressure. The applicant shall maintain a permanent air pressure at the air cap of 0.1 to 10 psig. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
21. For the purposes of marine coating operations, exempt compounds, as defined in District Rule 2 that are also defined as Hazardous Air Pollutants (HAP) by EPA must be included in determining compliance with any VOC limits for marine coatings in this permit (Rule 67.18 and 40 CFR 63 Subpart II).



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22. Permittee shall maintain the following records in accordance with Rule 67.20.1 (for motor vehicle coating operation), with Rule 67.3 (for metal parts and products coating operation), with Rule 67.18 (for marine coating operations) with Rule 67.9 (for aerospace coating operation) and with 67.11 (for wood coating operation). These records shall be maintained on site for at least five (5) years and shall be made readily available to the District upon request:
- a. Current list of all VOC-containing materials in use, including but not limited to all coatings, coating component for multi-component coatings (such as bases, catalysts, thinners or reducers, when supplied in separate containers), and materials used for surface preparation, equipment cleaning, and stripping. This list shall include the following information:
 - 1. material name, manufacturer and manufacturer identification;
 - 2. current documentation to demonstrate applicability of any coating category pursuant to Rules 67.3, 67.9, 67.18, 67.20.1 and 67.11;
 - 3. mix ratio, when applicable;
 - b. For coatings, other than low-solids coatings, the VOC content expressed in grams per liter (or lbs/gal), as applied, less water and exempt compounds; and mix ratio of components, if applicable;
 - c. For surface preparation, cleaning and stripping materials or for low-solids coatings, the VOC content expressed in grams per liter (or lbs/gal) of material, as used;
 - d. Vapor pressure and/or boiling point of materials used for surface preparation, equipment cleaning, and stripping, when necessary, to demonstrate compliance with each prohibitory rule;
 - e. Current manufacturer specification sheets, material safety data sheets (MSDS), product data sheets, or technical bulletins for all materials in use, which shall list all components within each VOC-containing material in use. The manufacturer specification sheets, material safety data sheets, product data sheets, or technical bulletins shall also include: the VOC content (actual and regulatory), toxic air contaminant (TAC) content weight or weight percentage, and material density (weight per volume) or material specific gravity (material density relative to the density of water) for all materials in use;
 - f. Hourly operation records of each independent paint bay cell;
 - g. Daily or monthly usage of materials containing VOCs for each substrate (i.e. aerospace, metal, wood, motor vehicle or mobile equipment, or marine) ;
 - h. Monthly inventory, purchasing or dispensing records of the amount of each stripping, surface preparation and cleaning material used;
 - i. Records of the dates and amounts of material added to coating dip tanks, when applicable;
 - j. Type of application equipment used;
 - k. Records of all inspections, repairs, malfunctions and breakdowns ; and,
 - l. if applicable, records of actual and maximum oven drying temperatures.
 - m. If claiming an exemption from a VOC content requirement of 67.9, 67.18 or 40 CFR 63 Subparts GG or II, the applicable exemption and records such as quantity used to substantiate the exemption.
 - n. For marine coatings subject to 40 CFR 63 Subpart II which are used with thinners, all information necessary to substantiate compliance with the applicable VOC standard of that rule.
 - o. For marine coatings subject to 40 CFR 63 Subpart II, Certification of the as-supplied VOC content of each batch of coating (Rules 67.3, 67.9, 67.18, 67.11, 67.20.1 and 40 CFR 63 Subpart GG and II)
23. Except as provided in Rule 67.3(b)(1) and (b)(3), all metal coatings used in this operation shall comply with the VOC content limits of 67.3(d)(2) and (d)(3). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
24. The VOC content of non-specialty coatings applied to metal parts and products subject to Rule 67.3 shall not contain more than 340 grams per liter VOC for air dried coatings and not more than 275 grams per liter for baked coatings. (Rule 67.3)
25. Metal surface preparation materials shall meet one of the following requirements:
- a. the VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. the initial boiling point is at least 190° C (374° F); or
 - c. the total VOC vapor pressure is 20 mm Hg or less at 20° C (68° F). (Rule 67.3)



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26. VOC-containing materials used to clean application equipment for metal coating operations shall meet one of the following requirements:
 - a. The VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. The initial boiling point is at least 190 degrees C (374 degrees F); or
 - c. The total VOC vapor pressure is 20 mm Hg or less at 20 degrees C (68 degrees F); or
 - d. The cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - e. The application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - f. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - g. A device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.3)
27. All marine coatings used in this operation shall comply with the Volatile Organic HAP content limits of 40 CFR 63 Subpart II (Marine Coating) and with the VOC content limits of 67.18(d)(1) and (d)(2), except as provided in 40 CFR 63 Subpart II 63.781 and Rule 67.18(b). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
28. The VOC content of non-specialty coatings for marine coating operations subject to Rule 67.18 shall not contain more than 340 grams per liter VOC for air dried coatings and not more than 275 grams per liter for baked coatings. (Rule 67.18)
29. Surface preparation for marine coating operations shall meet one of the following requirements:
 - a. The VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. The initial boiling point is at least 190 degrees C (374 degrees F); or
 - c. The total VOC vapor pressure is 45 mm hg or less at 20 degrees C (68 degrees F); or
 - d. The aerospace component is cleaned in an enclosed cleaning material container which is only opened when accessing parts or adding surface cleaning materials. (Rule 67.18)
30. VOC-containing materials used to clean equipment used in marine coating operations shall meet one of the following requirements:
 - a. the VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. the initial boiling point is at least 190°C (374°F); or
 - c. the total VOC vapor pressure is 20 mm Hg or less at 20°C (68°F); or
 - d. the cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - e. the application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - f. a system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - g. a device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.18)
31. All aerospace coatings used in this operation shall comply with the VOC and Organic HAP content limits of 40 CFR 63 Subpart GG (Aerospace Coating) and with the VOC content limits of 67.9(d)(1), except as provided in 40 CFR 63 Subpart GG 63.741 and Rule 67.9(b)(1). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
32. Aerospace stripping materials shall meet one of the following requirements:
 - a. The VOC content does not exceed 400 grams per liter; or
 - b. The total VOC vapor pressure shall be 9.5 mm hg or less at 20 c (68 F) (Rule 67.9)



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33. Permittee shall not use more than 50 gallons or 365 pounds of organic HAP containing chemical strippers per military aircraft depainted for spot stripping and decal removal. (40 CFR 63 Subpart GG)
34. Surface preparation for aerospace coating operations shall meet one of the following requirements:
 - a. The total voc vapor pressure is 45 mm hg or less at 20 degrees C (68 degrees F); or
 - b. The aerospace component is cleaned in an enclosed cleaning material container which is only opened when accessing parts or adding surface cleaning materials. (Rule 67.9, 40 CFR 63 Subpart GG)
35. VOC-containing materials used to clean application equipment for aerospace coating operations shall meet one or more of the following requirements:
 - a. The cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - b. The application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - c. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - d. A device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.9 and 40 CFR 63 Subpart GG)
36. Except as provided in Rule 67.20.1(b)(1) and (b)(3), all automotive coatings used in this operation shall comply with the VOC content limits of 67.20.1(d)(1). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
39. When conducting any operations subject to Motor Vehicle and Mobile Equipment Coating Rule 67.20.1, permittee shall not use any material for surface preparation or any other surface cleaning unless its VOC content is 25 grams or less per liter of material (0.21 lbs/gal), as applied. This VOC content limitation shall not apply to any cleaning material used for the removal of dust, wax, grease, tar, or bugs provided that:
 - a. the VOC content of cleaning material does not exceed 780 grams per liter (6.5 lbs/gal), and
 - b. the cleaning material is applied by non-aerosol, hand-held spray container, and
 - c. not more than 20 gallons per calendar year of such cleaning material are used at the stationary source. (Rule 67.20.1)
40. Any cleaning of coating application equipment, used in operations subject to Motor Vehicle and Mobile Equipment Coating Rule 67.20.1, shall comply with one of the following requirements:
 - a. the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings; and the application equipment or equipment parts shall be cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning material is being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - b. the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings; and a system that totally encloses the component parts being cleaned during the washing, rinsing, and draining process shall be used; or
 - c. the cleaning material shall not contain any exempt compounds and the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings. (Rule 67.20.1)
41. Except as provided in Rule 67.11(b)(1) and (b)(3), all wood coatings used in this operation shall comply with the VOC content limits of 67.11(d)(2) and (d)(3). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.



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- 42. Except as otherwise provided for in section (b), this operation shall comply with all applicable requirements in Wood Coating Rule 67.11, including the VOC limits under subsections (d)(2) and (3). (Rule 67.11)
- 43. All VOC- containing materials used for stripping wood coating operations shall comply with one of the following requirements:
 - a. Material shall contain 200 grams or less of VOC per liter of material; or
 - b. Material shall have a total VOC vapor pressure of 2 mm Hg or less, at 20°C (68°F). (Rule 67.11)
- 44. All VOC-containing materials used for wood coating surface preparation shall contain 25 grams or less of VOC per liter of material. (Rule 67.11)
- 45. All VOC-containing materials used for the cleaning of wood coating application equipment shall comply with one of the following requirements:
 - a. The cleaning material shall contain 25 grams or less of VOC per liter of material; or
 - b. The cleaning material shall be flushed or rinsed through the application equipment in a contained manner that minimizes evaporation into the atmosphere; or
 - c. The application equipment or equipment parts shall be cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning material is being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - d. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes shall be used. (Rule 67.11)
- 46. A person shall not use spray application equipment or any other means to dispose of waste coatings, coating components, surface preparation materials, or cleaning materials into the air or into filter media, except when momentarily purging coating material from a spray applicator cap immediately before or after applying the coating material. (Rules 21 and 20.3)
- 47. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

- 37. The permittee shall not use lead pigmented coatings in any motor vehicle or mobile equipment refinishing operation.
- 38. The permittee shall not use or possess hexavalent chromium (chromium VI) or cadmium pigmented coatings in any motor vehicle or mobile equipment refinishing operation. [Title 17 CCR, Section 93112 - Hexavalent chromium and Cadmium Air Toxic Control Measure - Motor Vehicle and Mobile Refinishing Coatings.]
- 48. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
- 49. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

INDUSTRIAL COATING APPLICATION STATION: ONE (1) PAINT SPRAY CELL NO.3, 121,550 CU. FT., CUSTOM-MADE, 55' X 85' X 26'H, EQUIPPED WITH EPA METHOD 319-APPROVED PARTICULATE FILTERS, DIFFERENTIAL PRESSURE GAUGE AND EXHAUST FAN (LOCATED IN BUILDING 464); USING HVLP SPRAY GUNS TO APPLY COMPLYING COATINGS AND SOLVENTS. 984303(ABG)

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [27K] Surface Coating Application Station

BEC: APCD2024-CON-002143

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

- Coating operations described in permits to operate APCD2008-PTO-005286, APCD2008-PTO-005287, APCD2008-PTO-005288, APCD2008-PTO-005289, APCD2008-PTO-005290, APCD2008-PTO-005291, APCD2008-PTO-005292, APCD2008-PTO-005293, APCD2024-PTO-005081 shall not simultaneously operate more than 8 independent paint bay cells in any given hour. A paint cell shall not be considered in operation if VOC containing materials are not being actively used. (Rule 21 and 20.3)
- All materials containing volatile organic compounds (VOC) or toxic air contaminants (TACs) shall only be applied in the booth specified above, where the exhaust fans and exhaust filters are installed and operating properly. (Rule 20.3 and 1200)
- Coating operations described in permits to operate APCD2008-PTO-005286, APCD2008-PTO-005287, APCD2008-PTO-005288, APCD2008-PTO-005289, APCD2008-PTO-005290, APCD2008-PTO-005291, APCD2008-PTO-005292, APCD2008-PTO-005293, APCD2024-PTO-005081 shall not exceed 9.73 tons of VOC emissions in any given 12-month period. (Rule 21 and 20.3)



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4. The permittee shall conduct all handling and transfer of VOC-containing materials and HAP-containing waste to and from containers, tanks, vats, drums, and piping system in a manner to minimize spills. (40 CFR 63 Subpart II, 40 CFR 63 Subpart GG)
5. All containers, tanks, vats, drums, and piping systems used to store VOC-containing materials and HAP-containing waste shall be maintained free of cracks, holes, and other defects and remain closed unless materials are being added to or removed from them. All materials containing volatile organic compounds shall be stored in such containers. (40 CFR 63 Subpart GG, Rule 67.17)
6. For marine coating operations, maintain and semi-annually report the following: a summary of the number, magnitude, duration, and cause of deviations during the reporting period, the cause of violation, identification of data availability achieved during the reporting period, identification of the compliance status as of the last day of the reporting period and whether compliance was continuous or intermittent, also record and semi-annually report the reason for each deviation, and a description of the corrective action taken for each deviation, including action taken to minimize each deviation and action taken to prevent recurrence. (40 CFR 63 Subpart II)
7. On a semiannual basis, the Permittee shall provide all records required by this permit for marine coating activities to the District and EPA, except for Certification of the as-supplied VOC content of each batch of coating are not required to be reported. In addition, the Permittee shall report to District and EPA whether containers used in conjunction with marine coating activities met the standards stated in this permit. (Rule 67.18, 40 CFR 63 Subpart II)
8. On a semiannual basis, the permittee shall report to the District and EPA any instances where primers or topcoats used on aerospace parts exceeded the applicable Rule 67.9 or 40 CFR 63 Subpart GG VOC limits.
9. On a semiannual basis, the Permittee shall report to the District and EPA all instances where the primer or topcoat application operation applied to aerospace parts was not immediately shut down when the pressure drop across the particulate filter system was outside the limits specified herein. (40 CFR 63 Subpart GG)
10. On a semiannual basis, the Permittee shall report to the district and EPA any instance where a non-compliant cleaning solvent is used for a non-exempt hand wipe cleaning related to aerospace operations, a noncompliant spray gun cleaning method is used, and any instance where a leaking enclosed spray gun cleaner remains unrepaired and in use for more than 15 days. In addition, the Permittee shall report a list of any new cleaning solvents used for hand wipe cleaning used in aerospace operations and provide information on the composite vapor pressure of the new solvent. (Rule 67.9, 40 CFR 63 Subpart GG)
11. If requested by the District or EPA, the applicable test methods listed in Rules 67.9 or 67.3 or 67.11 or 67.20.1 or 67.18 Section (G), as applicable to the substrate being coated, shall be used to determine compliance with the applicable standards of Rules 67.9, 67.20.1, 67.11, 67.3 and 67.18 Section (D).
12. Coatings shall not be applied unless exhaust fans and exhaust filters are installed and operating properly. (Rule 1200, 40 CFR 63 Subpart GG)
13. A differential pressure gauge shall be installed across the three stage filter system in each of the four sections of the spray booth. The pressure gauge shall be properly calibrated to operate within the range of 0 to 3 inches of water gauge (W.G.). Gauge reading in section(s) used, as labeled, shall be recorded at least once per shift when coatings are applied in the equipment described above. The reading shall be taken while the equipment is in operation. [Rule 1200, 40 CFR 63 Subpart GG]
14. The differential pressure reading across the filters shall be maintained between 0.5 and 2.25 inches of water. If the pressure drop across the filter falls outside the specified limits, the Permittee shall shut down the system immediately and take corrective action. If the maintenance procedures for the filter have not been performed as scheduled, the Permittee shall shut down the system immediately and take corrective action. The operation shall not resume until the pressure drop is returned within the specified limits. [Rule 1200, 40 CFR 63 Subpart GG]
15. The equipment listed above shall be maintained and operated in accordance with the manufacturer's specifications or a site specific operation and maintenance plan. The manufacturer's specifications or site specific operation and maintenance plan shall be maintained on site and made available to the District. [Rule 20.3]
16. Records of all inspections, repairs, malfunctions and breakdowns shall be maintained on site for the above equipment. [Rule 20.3]



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17. At no time shall the subject equipment cause or contribute to a nuisance as specified in District Rule 51. If compliance with Rule 51 cannot be demonstrated to the satisfaction of the District, the applicant will take whatever corrective action necessary to meet applicable requirements. If corrective action requires any physical change or modification to the subject equipment, the applicant shall apply for and obtain an Authority to Construct for all such modifications. (Rule 51)
18. Except during marine coating operations subject to Rule 67.18, permittee shall only apply coatings using one of the following methods: High Volume Low Pressure (HVLP) spray application, electrostatic spray application, flow coat application, dip coat, roll coat, or hand application methods (i. e. brushes, rollers, markers, marking pens, etc.). Alternatively, an equivalent application method that has been approved by the District in writing may be used. Airless spray application shall only be used for aerospace maskants and aerospace temporary protective coatings. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
19. High volume low pressure (HVLP), airless, and electrostatic application equipment shall be operated and maintained in accordance with the manufacturer's instructions. For HVLP equipment, the applicant will have available on site pressure gauge(s) in proper operating condition to measure the air cap pressure or have available manufacturer's technical information showing the correlation between the handle air inlet pressure and the air cap pressure. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
20. If the correlation option specified above is chosen to demonstrate compliance, a handle air inlet pressure gauge will be required on site in proper operating condition to measure the handle air inlet pressure. The applicant shall maintain a permanent air pressure at the air cap of 0.1 to 10 psig. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
21. For the purposes of marine coating operations, exempt compounds, as defined in District Rule 2 that are also defined as Hazardous Air Pollutants (HAP) by EPA must be included in determining compliance with any VOC limits for marine coatings in this permit (Rule 67.18 and 40 CFR 63 Subpart II).

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22. Permittee shall maintain the following records in accordance with Rule 67.20.1 (for motor vehicle coating operation), with Rule 67.3 (for metal parts and products coating operation), with Rule 67.18 (for marine coating operations) with Rule 67.9 (for aerospace coating operation) and with 67.11 (for wood coating operation). These records shall be maintained on site for at least five (5) years and shall be made readily available to the District upon request:
- Current list of all VOC-containing materials in use, including but not limited to all coatings, coating component for multi-component coatings (such as bases, catalysts, thinners or reducers, when supplied in separate containers), and materials used for surface preparation, equipment cleaning, and stripping. This list shall include the following information:
 - material name, manufacturer and manufacturer identification;
 - current documentation to demonstrate applicability of any coating category pursuant to Rules 67.3, 67.9, 67.18, 67.20.1 and 67.11;
 - mix ratio, when applicable;
 - For coatings, other than low-solids coatings, the VOC content expressed in grams per liter (or lbs/gal), as applied, less water and exempt compounds; and mix ratio of components, if applicable;
 - For surface preparation, cleaning and stripping materials or for low-solids coatings, the VOC content expressed in grams per liter (or lbs/gal) of material, as used;
 - Vapor pressure and/or boiling point of materials used for surface preparation, equipment cleaning, and stripping, when necessary, to demonstrate compliance with each prohibitory rule;
 - Current manufacturer specification sheets, material safety data sheets (MSDS), product data sheets, or technical bulletins for all materials in use, which shall list all components within each VOC-containing material in use. The manufacturer specification sheets, material safety data sheets, product data sheets, or technical bulletins shall also include: the VOC content (actual and regulatory), toxic air contaminant (TAC) content weight or weight percentage, and material density (weight per volume) or material specific gravity (material density relative to the density of water) for all materials in use;
 - Hourly operation records of each independent paint bay cell;
 - Daily or monthly usage of materials containing VOCs for each substrate (i.e. aerospace, metal, wood, motor vehicle or mobile equipment, or marine) ;
 - Monthly inventory, purchasing or dispensing records of the amount of each stripping, surface preparation and cleaning material used;
 - Records of the dates and amounts of material added to coating dip tanks, when applicable;
 - Type of application equipment used;
 - Records of all inspections, repairs, malfunctions and breakdowns ; and,
 - if applicable, records of actual and maximum oven drying temperatures.
 - If claiming an exemption from a VOC content requirement of 67.9, 67.18 or 40 CFR 63 Subparts GG or II, the applicable exemption and records such as quantity used to substantiate the exemption.
 - For marine coatings subject to 40 CFR 63 Subpart II which are used with thinners, all information necessary to substantiate compliance with the applicable VOC standard of that rule.
 - For marine coatings subject to 40 CFR 63 Subpart II, Certification of the as-supplied VOC content of each batch of coating (Rules 67.3, 67.9, 67.18, 67.11, 67.20.1 and 40 CFR 63 Subpart GG and II)
23. Except as provided in Rule 67.3(b)(1) and (b)(3), all metal coatings used in this operation shall comply with the VOC content limits of 67.3(d)(2) and (d)(3). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
24. The VOC content of non-specialty coatings applied to metal parts and products subject to Rule 67.3 shall not contain more than 340 grams per liter VOC for air dried coatings and not more than 275 grams per liter for baked coatings. (Rule 67.3)
25. Metal surface preparation materials shall meet one of the following requirements:
- the VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - the initial boiling point is at least 190° C (374° F); or
 - the total VOC vapor pressure is 20 mm Hg or less at 20° C (68° F). (Rule 67.3)



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26. VOC-containing materials used to clean application equipment for metal coating operations shall meet one of the following requirements:
 - a. The VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. The initial boiling point is at least 190 degrees C (374 degrees F); or
 - c. The total VOC vapor pressure is 20 mm Hg or less at 20 degrees C (68 degrees F); or
 - d. The cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - e. The application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - f. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - g. A device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.3)
27. All marine coatings used in this operation shall comply with the Volatile Organic HAP content limits of 40 CFR 63 Subpart II (Marine Coating) and with the VOC content limits of 67.18(d)(1) and (d)(2), except as provided in 40 CFR 63 Subpart II 63.781 and Rule 67.18(b). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
28. The VOC content of non-specialty coatings for marine coating operations subject to Rule 67.18 shall not contain more than 340 grams per liter VOC for air dried coatings and not more than 275 grams per liter for baked coatings. (Rule 67.18)
29. Surface preparation for marine coating operations shall meet one of the following requirements:
 - a. The VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. The initial boiling point is at least 190 degrees C (374 degrees F); or
 - c. The total VOC vapor pressure is 45 mm hg or less at 20 degrees C (68 degrees F); or
 - d. The aerospace component is cleaned in an enclosed cleaning material container which is only opened when accessing parts or adding surface cleaning materials. (Rule 67.18)
30. VOC-containing materials used to clean equipment used in marine coating operations shall meet one of the following requirements:
 - a. the VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. the initial boiling point is at least 190°C (374°F); or
 - c. the total VOC vapor pressure is 20 mm Hg or less at 20°C (68°F); or
 - d. the cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - e. the application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - f. a system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - g. a device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.18)
31. All aerospace coatings used in this operation shall comply with the VOC and Organic HAP content limits of 40 CFR 63 Subpart GG (Aerospace Coating) and with the VOC content limits of 67.9(d)(1), except as provided in 40 CFR 63 Subpart GG 63.741 and Rule 67.9(b)(1). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
32. Aerospace stripping materials shall meet one of the following requirements:
 - a. The VOC content does not exceed 400 grams per liter; or
 - b. The total VOC vapor pressure shall be 9.5 mm hg or less at 20 c (68 F) (Rule 67.9)



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33. Permittee shall not use more than 50 gallons or 365 pounds of organic HAP containing chemical strippers per military aircraft depainted for spot stripping and decal removal. (40 CFR 63 Subpart GG)
34. Surface preparation for aerospace coating operations shall meet one of the following requirements:
 - a. The total voc vapor pressure is 45 mm hg or less at 20 degrees C (68 degrees F); or
 - b. The aerospace component is cleaned in an enclosed cleaning material container which is only opened when accessing parts or adding surface cleaning materials. (Rule 67.9, 40 CFR 63 Subpart GG)
35. VOC-containing materials used to clean application equipment for aerospace coating operations shall meet one or more of the following requirements:
 - a. The cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - b. The application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - c. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - d. A device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.9 and 40 CFR 63 Subpart GG)
36. Except as provided in Rule 67.20.1(b)(1) and (b)(3), all automotive coatings used in this operation shall comply with the VOC content limits of 67.20.1(d)(1). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
39. When conducting any operations subject to Motor Vehicle and Mobile Equipment Coating Rule 67.20.1, permittee shall not use any material for surface preparation or any other surface cleaning unless its VOC content is 25 grams or less per liter of material (0.21 lbs/gal), as applied. This VOC content limitation shall not apply to any cleaning material used for the removal of dust, wax, grease, tar, or bugs provided that:
 - a. the VOC content of cleaning material does not exceed 780 grams per liter (6.5 lbs/gal), and
 - b. the cleaning material is applied by non-aerosol, hand-held spray container, and
 - c. not more than 20 gallons per calendar year of such cleaning material are used at the stationary source. (Rule 67.20.1)
40. Any cleaning of coating application equipment, used in operations subject to Motor Vehicle and Mobile Equipment Coating Rule 67.20.1, shall comply with one of the following requirements:
 - a. the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings; and the application equipment or equipment parts shall be cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning material is being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - b. the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings; and a system that totally encloses the component parts being cleaned during the washing, rinsing, and draining process shall be used; or
 - c. the cleaning material shall not contain any exempt compounds and the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings. (Rule 67.20.1)
41. Except as provided in Rule 67.11(b)(1) and (b)(3), all wood coatings used in this operation shall comply with the VOC content limits of 67.11(d)(2) and (d)(3). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.



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- 42. Except as otherwise provided for in section (b), this operation shall comply with all applicable requirements in Wood Coating Rule 67.11, including the VOC limits under subsections (d)(2) and (3). (Rule 67.11)
- 43. All VOC- containing materials used for stripping wood coating operations shall comply with one of the following requirements:
 - a. Material shall contain 200 grams or less of VOC per liter of material; or
 - b. Material shall have a total VOC vapor pressure of 2 mm Hg or less, at 20°C (68°F). (Rule 67.11)
- 44. All VOC-containing materials used for wood coating surface preparation shall contain 25 grams or less of VOC per liter of material. (Rule 67.11)
- 45. All VOC-containing materials used for the cleaning of wood coating application equipment shall comply with one of the following requirements:
 - a. The cleaning material shall contain 25 grams or less of VOC per liter of material; or
 - b. The cleaning material shall be flushed or rinsed through the application equipment in a contained manner that minimizes evaporation into the atmosphere; or
 - c. The application equipment or equipment parts shall be cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning material is being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - d. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes shall be used. (Rule 67.11)
- 46. A person shall not use spray application equipment or any other means to dispose of waste coatings, coating components, surface preparation materials, or cleaning materials into the air or into filter media, except when momentarily purging coating material from a spray applicator cap immediately before or after applying the coating material. (Rules 21 and 20.3)
- 47. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

- 37. The permittee shall not use lead pigmented coatings in any motor vehicle or mobile equipment refinishing operation.
- 38. The permittee shall not use or possess hexavalent chromium (chromium VI) or cadmium pigmented coatings in any motor vehicle or mobile equipment refinishing operation. [Title 17 CCR, Section 93112 - Hexavalent chromium and Cadmium Air Toxic Control Measure - Motor Vehicle and Mobile Refinishing Coatings.]
- 48. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
- 49. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

INDUSTRIAL COATING APPLICATION STATION: ONE (1) PAINT SPRAY BOOTH, CELL NO.4, 121,550 CU. FT., CUSTOM-MADE, 55' X 85' X 26'H, EQUIPPED WUTH EPA METHOD 319 CERTIFIED PARTICULATE FILTERS, DIFFERENTIAL PRESSURE GAUGE AND EXHAUST FAN (LOCATED IN BUILDING 465); USING HVLP SPRAY GUNS TO APPLY COMPLYING COATINGS AND SOLVENTS. 984303(ABG)

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [27K] Surface Coating Application Station

BEC: APCD2024-CON-002143

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

- Coating operations described in permits to operate APCD2008-PTO-005286, APCD2008-PTO-005287, APCD2008-PTO-005288, APCD2008-PTO-005289, APCD2008-PTO-005290, APCD2008-PTO-005291, APCD2008-PTO-005292, APCD2008-PTO-005293, APCD2024-PTO-005081 shall not simultaneously operate more than 8 independent paint bay cells in any given hour. A paint cell shall not be considered in operation if VOC containing materials are not being actively used. (Rule 21 and 20.3)
- All materials containing volatile organic compounds (VOC) or toxic air contaminants (TACs) shall only be applied in the booth specified above, where the exhaust fans and exhaust filters are installed and operating properly. (Rule 20.3 and 1200)
- Coating operations described in permits to operate APCD2008-PTO-005286, APCD2008-PTO-005287, APCD2008-PTO-005288, APCD2008-PTO-005289, APCD2008-PTO-005290, APCD2008-PTO-005291, APCD2008-PTO-005292, APCD2008-PTO-005293, APCD2024-PTO-005081 shall not exceed 9.73 tons of VOC emissions in any given 12-month period. (Rule 21 and 20.3)



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4. The permittee shall conduct all handling and transfer of VOC-containing materials and HAP-containing waste to and from containers, tanks, vats, drums, and piping system in a manner to minimize spills. (40 CFR 63 Subpart II, 40 CFR 63 Subpart GG)
5. All containers, tanks, vats, drums, and piping systems used to store VOC-containing materials and HAP-containing waste shall be maintained free of cracks, holes, and other defects and remain closed unless materials are being added to or removed from them. All materials containing volatile organic compounds shall be stored in such containers. (40 CFR 63 Subpart GG, Rule 67.17)
6. For marine coating operations, maintain and semi-annually report the following: a summary of the number, magnitude, duration, and cause of deviations during the reporting period, the cause of violation, identification of data availability achieved during the reporting period, identification of the compliance status as of the last day of the reporting period and whether compliance was continuous or intermittent, also record and semi-annually report the reason for each deviation, and a description of the corrective action taken for each deviation, including action taken to minimize each deviation and action taken to prevent recurrence. (40 CFR 63 Subpart II)
7. On a semiannual basis, the Permittee shall provide all records required by this permit for marine coating activities to the District and EPA, except for Certification of the as-supplied VOC content of each batch of coating are not required to be reported. In addition, the Permittee shall report to District and EPA whether containers used in conjunction with marine coating activities met the standards stated in this permit. (Rule 67.18, 40 CFR 63 Subpart II)
8. On a semiannual basis, the permittee shall report to the District and EPA any instances where primers or topcoats used on aerospace parts exceeded the applicable Rule 67.9 or 40 CFR 63 Subpart GG VOC limits.
9. On a semiannual basis, the Permittee shall report to the District and EPA all instances where the primer or topcoat application operation applied to aerospace parts was not immediately shut down when the pressure drop across the particulate filter system was outside the limits specified herein. (40 CFR 63 Subpart GG)
10. On a semiannual basis, the Permittee shall report to the district and EPA any instance where a non-compliant cleaning solvent is used for a non-exempt hand wipe cleaning related to aerospace operations, a noncompliant spray gun cleaning method is used, and any instance where a leaking enclosed spray gun cleaner remains unrepaired and in use for more than 15 days. In addition, the Permittee shall report a list of any new cleaning solvents used for hand wipe cleaning used in aerospace operations and provide information on the composite vapor pressure of the new solvent. (Rule 67.9, 40 CFR 63 Subpart GG)
11. If requested by the District or EPA, the applicable test methods listed in Rules 67.9 or 67.3 or 67.11 or 67.20.1 or 67.18 Section (G), as applicable to the substrate being coated, shall be used to determine compliance with the applicable standards of Rules 67.9, 67.20.1, 67.11, 67.3 and 67.18 Section (D).
12. Coatings shall not be applied unless exhaust fans and exhaust filters are installed and operating properly. (Rule 1200, 40 CFR 63 Subpart GG)
13. A differential pressure gauge shall be installed across the three stage filter system in each of the four sections of the spray booth. The pressure gauge shall be properly calibrated to operate within the range of 0 to 3 inches of water gauge (W.G.). Gauge reading in section(s) used, as labeled, shall be recorded at least once per shift when coatings are applied in the equipment described above. The reading shall be taken while the equipment is in operation. [Rule 1200, 40 CFR 63 Subpart GG]
14. The differential pressure reading across the filters shall be maintained between 0.5 and 2.25 inches of water. If the pressure drop across the filter falls outside the specified limits, the Permittee shall shut down the system immediately and take corrective action. If the maintenance procedures for the filter have not been performed as scheduled, the Permittee shall shut down the system immediately and take corrective action. The operation shall not resume until the pressure drop is returned within the specified limits. [Rule 1200, 40 CFR 63 Subpart GG]
15. The equipment listed above shall be maintained and operated in accordance with the manufacturer's specifications or a site specific operation and maintenance plan. The manufacturer's specifications or site specific operation and maintenance plan shall be maintained on site and made available to the District. [Rule 20.3]
16. Records of all inspections, repairs, malfunctions and breakdowns shall be maintained on site for the above equipment. [Rule 20.3]



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17. At no time shall the subject equipment cause or contribute to a nuisance as specified in District Rule 51. If compliance with Rule 51 cannot be demonstrated to the satisfaction of the District, the applicant will take whatever corrective action necessary to meet applicable requirements. If corrective action requires any physical change or modification to the subject equipment, the applicant shall apply for and obtain an Authority to Construct for all such modifications. (Rule 51)
18. Except during marine coating operations subject to Rule 67.18, permittee shall only apply coatings using one of the following methods: High Volume Low Pressure (HVLP) spray application, electrostatic spray application, flow coat application, dip coat, roll coat, or hand application methods (i. e. brushes, rollers, markers, marking pens, etc.). Alternatively, an equivalent application method that has been approved by the District in writing may be used. Airless spray application shall only be used for aerospace maskants and aerospace temporary protective coatings. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
19. High volume low pressure (HVLP), airless, and electrostatic application equipment shall be operated and maintained in accordance with the manufacturer's instructions. For HVLP equipment, the applicant will have available on site pressure gauge(s) in proper operating condition to measure the air cap pressure or have available manufacturer's technical information showing the correlation between the handle air inlet pressure and the air cap pressure. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
20. If the correlation option specified above is chosen to demonstrate compliance, a handle air inlet pressure gauge will be required on site in proper operating condition to measure the handle air inlet pressure. The applicant shall maintain a permanent air pressure at the air cap of 0.1 to 10 psig. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
21. For the purposes of marine coating operations, exempt compounds, as defined in District Rule 2 that are also defined as Hazardous Air Pollutants (HAP) by EPA must be included in determining compliance with any VOC limits for marine coatings in this permit (Rule 67.18 and 40 CFR 63 Subpart II).



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22. Permittee shall maintain the following records in accordance with Rule 67.20.1 (for motor vehicle coating operation), with Rule 67.3 (for metal parts and products coating operation), with Rule 67.18 (for marine coating operations) with Rule 67.9 (for aerospace coating operation) and with 67.11 (for wood coating operation). These records shall be maintained on site for at least five (5) years and shall be made readily available to the District upon request:
- a. Current list of all VOC-containing materials in use, including but not limited to all coatings, coating component for multi-component coatings (such as bases, catalysts, thinners or reducers, when supplied in separate containers), and materials used for surface preparation, equipment cleaning, and stripping. This list shall include the following information:
 - 1. material name, manufacturer and manufacturer identification;
 - 2. current documentation to demonstrate applicability of any coating category pursuant to Rules 67.3, 67.9, 67.18, 67.20.1 and 67.11;
 - 3. mix ratio, when applicable;
 - b. For coatings, other than low-solids coatings, the VOC content expressed in grams per liter (or lbs/gal), as applied, less water and exempt compounds; and mix ratio of components, if applicable;
 - c. For surface preparation, cleaning and stripping materials or for low-solids coatings, the VOC content expressed in grams per liter (or lbs/gal) of material, as used;
 - d. Vapor pressure and/or boiling point of materials used for surface preparation, equipment cleaning, and stripping, when necessary, to demonstrate compliance with each prohibitory rule;
 - e. Current manufacturer specification sheets, material safety data sheets (MSDS), product data sheets, or technical bulletins for all materials in use, which shall list all components within each VOC-containing material in use. The manufacturer specification sheets, material safety data sheets, product data sheets, or technical bulletins shall also include: the VOC content (actual and regulatory), toxic air contaminant (TAC) content weight or weight percentage, and material density (weight per volume) or material specific gravity (material density relative to the density of water) for all materials in use;
 - f. Hourly operation records of each independent paint bay cell;
 - g. Daily or monthly usage of materials containing VOCs for each substrate (i.e. aerospace, metal, wood, motor vehicle or mobile equipment, or marine) ;
 - h. Monthly inventory, purchasing or dispensing records of the amount of each stripping, surface preparation and cleaning material used;
 - i. Records of the dates and amounts of material added to coating dip tanks, when applicable;
 - j. Type of application equipment used;
 - k. Records of all inspections, repairs, malfunctions and breakdowns ; and,
 - l. if applicable, records of actual and maximum oven drying temperatures.
 - m. If claiming an exemption from a VOC content requirement of 67.9, 67.18 or 40 CFR 63 Subparts GG or II, the applicable exemption and records such as quantity used to substantiate the exemption.
 - n. For marine coatings subject to 40 CFR 63 Subpart II which are used with thinners, all information necessary to substantiate compliance with the applicable VOC standard of that rule.
 - o. For marine coatings subject to 40 CFR 63 Subpart II, Certification of the as-supplied VOC content of each batch of coating (Rules 67.3, 67.9, 67.18, 67.11, 67.20.1 and 40 CFR 63 Subpart GG and II)
23. Except as provided in Rule 67.3(b)(1) and (b)(3), all metal coatings used in this operation shall comply with the VOC content limits of 67.3(d)(2) and (d)(3). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
24. The VOC content of non-specialty coatings applied to metal parts and products subject to Rule 67.3 shall not contain more than 340 grams per liter VOC for air dried coatings and not more than 275 grams per liter for baked coatings. (Rule 67.3)
25. Metal surface preparation materials shall meet one of the following requirements:
- a. the VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. the initial boiling point is at least 190° C (374° F); or
 - c. the total VOC vapor pressure is 20 mm Hg or less at 20° C (68° F). (Rule 67.3)



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26. VOC-containing materials used to clean application equipment for metal coating operations shall meet one of the following requirements:
 - a. The VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. The initial boiling point is at least 190 degrees C (374 degrees F); or
 - c. The total VOC vapor pressure is 20 mm Hg or less at 20 degrees C (68 degrees F); or
 - d. The cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - e. The application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - f. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - g. A device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.3)
27. All marine coatings used in this operation shall comply with the Volatile Organic HAP content limits of 40 CFR 63 Subpart II (Marine Coating) and with the VOC content limits of 67.18(d)(1) and (d)(2), except as provided in 40 CFR 63 Subpart II 63.781 and Rule 67.18(b). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
28. The VOC content of non-specialty coatings for marine coating operations subject to Rule 67.18 shall not contain more than 340 grams per liter VOC for air dried coatings and not more than 275 grams per liter for baked coatings. (Rule 67.18)
29. Surface preparation for marine coating operations shall meet one of the following requirements:
 - a. The VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. The initial boiling point is at least 190 degrees C (374 degrees F); or
 - c. The total VOC vapor pressure is 45 mm hg or less at 20 degrees C (68 degrees F); or
 - d. The aerospace component is cleaned in an enclosed cleaning material container which is only opened when accessing parts or adding surface cleaning materials. (Rule 67.18)
30. VOC-containing materials used to clean equipment used in marine coating operations shall meet one of the following requirements:
 - a. the VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. the initial boiling point is at least 190°C (374°F); or
 - c. the total VOC vapor pressure is 20 mm Hg or less at 20°C (68°F); or
 - d. the cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - e. the application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - f. a system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - g. a device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.18)
31. All aerospace coatings used in this operation shall comply with the VOC and Organic HAP content limits of 40 CFR 63 Subpart GG (Aerospace Coating) and with the VOC content limits of 67.9(d)(1), except as provided in 40 CFR 63 Subpart GG 63.741 and Rule 67.9(b)(1). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
32. Aerospace stripping materials shall meet one of the following requirements:
 - a. The VOC content does not exceed 400 grams per liter; or
 - b. The total VOC vapor pressure shall be 9.5 mm hg or less at 20 c (68 F) (Rule 67.9)



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33. Permittee shall not use more than 50 gallons or 365 pounds of organic HAP containing chemical strippers per military aircraft depainted for spot stripping and decal removal. (40 CFR 63 Subpart GG)
34. Surface preparation for aerospace coating operations shall meet one of the following requirements:
 - a. The total voc vapor pressure is 45 mm hg or less at 20 degrees C (68 degrees F); or
 - b. The aerospace component is cleaned in an enclosed cleaning material container which is only opened when accessing parts or adding surface cleaning materials. (Rule 67.9, 40 CFR 63 Subpart GG)
35. VOC-containing materials used to clean application equipment for aerospace coating operations shall meet one or more of the following requirements:
 - a. The cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - b. The application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - c. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - d. A device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.9 and 40 CFR 63 Subpart GG)
36. Except as provided in Rule 67.20.1(b)(1) and (b)(3), all automotive coatings used in this operation shall comply with the VOC content limits of 67.20.1(d)(1). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
39. When conducting any operations subject to Motor Vehicle and Mobile Equipment Coating Rule 67.20.1, permittee shall not use any material for surface preparation or any other surface cleaning unless its VOC content is 25 grams or less per liter of material (0.21 lbs/gal), as applied. This VOC content limitation shall not apply to any cleaning material used for the removal of dust, wax, grease, tar, or bugs provided that:
 - a. the VOC content of cleaning material does not exceed 780 grams per liter (6.5 lbs/gal), and
 - b. the cleaning material is applied by non-aerosol, hand-held spray container, and
 - c. not more than 20 gallons per calendar year of such cleaning material are used at the stationary source. (Rule 67.20.1)
40. Any cleaning of coating application equipment, used in operations subject to Motor Vehicle and Mobile Equipment Coating Rule 67.20.1, shall comply with one of the following requirements:
 - a. the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings; and the application equipment or equipment parts shall be cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning material is being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - b. the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings; and a system that totally encloses the component parts being cleaned during the washing, rinsing, and draining process shall be used; or
 - c. the cleaning material shall not contain any exempt compounds and the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings. (Rule 67.20.1)
41. Except as provided in Rule 67.11(b)(1) and (b)(3), all wood coatings used in this operation shall comply with the VOC content limits of 67.11(d)(2) and (d)(3). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.



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PHONE (858) 586-2600 Fax (858) 586-2601
www.sdapcd.org

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Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2008-PTO-005289


- 42. Except as otherwise provided for in section (b), this operation shall comply with all applicable requirements in Wood Coating Rule 67.11, including the VOC limits under subsections (d)(2) and (3). (Rule 67.11)
- 43. All VOC- containing materials used for stripping wood coating operations shall comply with one of the following requirements:
 - a. Material shall contain 200 grams or less of VOC per liter of material; or
 - b. Material shall have a total VOC vapor pressure of 2 mm Hg or less, at 20°C (68°F). (Rule 67.11)
- 44. All VOC-containing materials used for wood coating surface preparation shall contain 25 grams or less of VOC per liter of material. (Rule 67.11)
- 45. All VOC-containing materials used for the cleaning of wood coating application equipment shall comply with one of the following requirements:
 - a. The cleaning material shall contain 25 grams or less of VOC per liter of material; or
 - b. The cleaning material shall be flushed or rinsed through the application equipment in a contained manner that minimizes evaporation into the atmosphere; or
 - c. The application equipment or equipment parts shall be cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning material is being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - d. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes shall be used. (Rule 67.11)
- 46. A person shall not use spray application equipment or any other means to dispose of waste coatings, coating components, surface preparation materials, or cleaning materials into the air or into filter media, except when momentarily purging coating material from a spray applicator cap immediately before or after applying the coating material. (Rules 21 and 20.3)
- 47. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

- 37. The permittee shall not use lead pigmented coatings in any motor vehicle or mobile equipment refinishing operation.
- 38. The permittee shall not use or possess hexavalent chromium (chromium VI) or cadmium pigmented coatings in any motor vehicle or mobile equipment refinishing operation. [Title 17 CCR, Section 93112 - Hexavalent chromium and Cadmium Air Toxic Control Measure - Motor Vehicle and Mobile Refinishing Coatings.]
- 48. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
- 49. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

INDUSTRIAL COATING APPLICATION STATION: ONE (1) PAINT SPRAY BOOTH, CELL NO. 5, 121,550 CU. FT., CUSTOM-MADE, 55' X 85' X 26'H, EQUIPPED WITH EPA METHOD 319 CERTIFIED PARTICULATE FILTERS, DIFFERENTIAL PRESSURE GAUGE AND EXHAUST FAN (LOCATED IN BUILDING 465); USING HVLP SPRAY GUNS TO APPLY COMPLYING COATINGS AND SOLVENTS. 984303(ABG)

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [27K] Surface Coating Application Station

BEC: APCD2024-CON-002143

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

- Coating operations described in permits to operate APCD2008-PTO-005286, APCD2008-PTO-005287, APCD2008-PTO-005288, APCD2008-PTO-005289, APCD2008-PTO-005290, APCD2008-PTO-005291, APCD2008-PTO-005292, APCD2008-PTO-005293, APCD2024-PTO-005081 shall not simultaneously operate more than 8 independent paint bay cells in any given hour. A paint cell shall not be considered in operation if VOC containing materials are not being actively used. (Rule 21 and 20.3)
- All materials containing volatile organic compounds (VOC) or toxic air contaminants (TACs) shall only be applied in the booth specified above, where the exhaust fans and exhaust filters are installed and operating properly. (Rule 20.3 and 1200)
- Coating operations described in permits to operate APCD2008-PTO-005286, APCD2008-PTO-005287, APCD2008-PTO-005288, APCD2008-PTO-005289, APCD2008-PTO-005290, APCD2008-PTO-005291, APCD2008-PTO-005292, APCD2008-PTO-005293, APCD2024-PTO-005081 shall not exceed 9.73 tons of VOC emissions in any given 12-month period. (Rule 21 and 20.3)



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4. The permittee shall conduct all handling and transfer of VOC-containing materials and HAP-containing waste to and from containers, tanks, vats, drums, and piping system in a manner to minimize spills. (40 CFR 63 Subpart II, 40 CFR 63 Subpart GG)
5. All containers, tanks, vats, drums, and piping systems used to store VOC-containing materials and HAP-containing waste shall be maintained free of cracks, holes, and other defects and remain closed unless materials are being added to or removed from them. All materials containing volatile organic compounds shall be stored in such containers. (40 CFR 63 Subpart GG, Rule 67.17)
6. For marine coating operations, maintain and semi-annually report the following: a summary of the number, magnitude, duration, and cause of deviations during the reporting period, the cause of violation, identification of data availability achieved during the reporting period, identification of the compliance status as of the last day of the reporting period and whether compliance was continuous or intermittent, also record and semi-annually report the reason for each deviation, and a description of the corrective action taken for each deviation, including action taken to minimize each deviation and action taken to prevent recurrence. (40 CFR 63 Subpart II)
7. On a semiannual basis, the Permittee shall provide all records required by this permit for marine coating activities to the District and EPA, except for Certification of the as-supplied VOC content of each batch of coating are not required to be reported. In addition, the Permittee shall report to District and EPA whether containers used in conjunction with marine coating activities met the standards stated in this permit. (Rule 67.18, 40 CFR 63 Subpart II)
8. On a semiannual basis, the permittee shall report to the District and EPA any instances where primers or topcoats used on aerospace parts exceeded the applicable Rule 67.9 or 40 CFR 63 Subpart GG VOC limits.
9. On a semiannual basis, the Permittee shall report to the District and EPA all instances where the primer or topcoat application operation applied to aerospace parts was not immediately shut down when the pressure drop across the particulate filter system was outside the limits specified herein. (40 CFR 63 Subpart GG)
10. On a semiannual basis, the Permittee shall report to the district and EPA any instance where a non-compliant cleaning solvent is used for a non-exempt hand wipe cleaning related to aerospace operations, a noncompliant spray gun cleaning method is used, and any instance where a leaking enclosed spray gun cleaner remains unrepaired and in use for more than 15 days. In addition, the Permittee shall report a list of any new cleaning solvents used for hand wipe cleaning used in aerospace operations and provide information on the composite vapor pressure of the new solvent. (Rule 67.9, 40 CFR 63 Subpart GG)
11. If requested by the District or EPA, the applicable test methods listed in Rules 67.9 or 67.3 or 67.11 or 67.20.1 or 67.18 Section (G), as applicable to the substrate being coated, shall be used to determine compliance with the applicable standards of Rules 67.9, 67.20.1, 67.11, 67.3 and 67.18 Section (D).
12. Coatings shall not be applied unless exhaust fans and exhaust filters are installed and operating properly. (Rule 1200, 40 CFR 63 Subpart GG)
13. A differential pressure gauge shall be installed across the three stage filter system in each of the four sections of the spray booth. The pressure gauge shall be properly calibrated to operate within the range of 0 to 3 inches of water gauge (W.G.). Gauge reading in section(s) used, as labeled, shall be recorded at least once per shift when coatings are applied in the equipment described above. The reading shall be taken while the equipment is in operation. [Rule 1200, 40 CFR 63 Subpart GG]
14. The differential pressure reading across the filters shall be maintained between 0.5 and 2.25 inches of water. If the pressure drop across the filter falls outside the specified limits, the Permittee shall shut down the system immediately and take corrective action. If the maintenance procedures for the filter have not been performed as scheduled, the Permittee shall shut down the system immediately and take corrective action. The operation shall not resume until the pressure drop is returned within the specified limits. [Rule 1200, 40 CFR 63 Subpart GG]
15. The equipment listed above shall be maintained and operated in accordance with the manufacturer's specifications or a site specific operation and maintenance plan. The manufacturer's specifications or site specific operation and maintenance plan shall be maintained on site and made available to the District. [Rule 20.3]
16. Records of all inspections, repairs, malfunctions and breakdowns shall be maintained on site for the above equipment. [Rule 20.3]



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17. At no time shall the subject equipment cause or contribute to a nuisance as specified in District Rule 51. If compliance with Rule 51 cannot be demonstrated to the satisfaction of the District, the applicant will take whatever corrective action necessary to meet applicable requirements. If corrective action requires any physical change or modification to the subject equipment, the applicant shall apply for and obtain an Authority to Construct for all such modifications. (Rule 51)
18. Except during marine coating operations subject to Rule 67.18, permittee shall only apply coatings using one of the following methods: High Volume Low Pressure (HVLP) spray application, electrostatic spray application, flow coat application, dip coat, roll coat, or hand application methods (i. e. brushes, rollers, markers, marking pens, etc.). Alternatively, an equivalent application method that has been approved by the District in writing may be used. Airless spray application shall only be used for aerospace maskants and aerospace temporary protective coatings. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
19. High volume low pressure (HVLP), airless, and electrostatic application equipment shall be operated and maintained in accordance with the manufacturer's instructions. For HVLP equipment, the applicant will have available on site pressure gauge(s) in proper operating condition to measure the air cap pressure or have available manufacturer's technical information showing the correlation between the handle air inlet pressure and the air cap pressure. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
20. If the correlation option specified above is chosen to demonstrate compliance, a handle air inlet pressure gauge will be required on site in proper operating condition to measure the handle air inlet pressure. The applicant shall maintain a permanent air pressure at the air cap of 0.1 to 10 psig. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
21. For the purposes of marine coating operations, exempt compounds, as defined in District Rule 2 that are also defined as Hazardous Air Pollutants (HAP) by EPA must be included in determining compliance with any VOC limits for marine coatings in this permit (Rule 67.18 and 40 CFR 63 Subpart II).

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22. Permittee shall maintain the following records in accordance with Rule 67.20.1 (for motor vehicle coating operation), with Rule 67.3 (for metal parts and products coating operation), with Rule 67.18 (for marine coating operations) with Rule 67.9 (for aerospace coating operation) and with 67.11 (for wood coating operation). These records shall be maintained on site for at least five (5) years and shall be made readily available to the District upon request:
- Current list of all VOC-containing materials in use, including but not limited to all coatings, coating component for multi-component coatings (such as bases, catalysts, thinners or reducers, when supplied in separate containers), and materials used for surface preparation, equipment cleaning, and stripping. This list shall include the following information:
 - material name, manufacturer and manufacturer identification;
 - current documentation to demonstrate applicability of any coating category pursuant to Rules 67.3, 67.9, 67.18, 67.20.1 and 67.11;
 - mix ratio, when applicable;
 - For coatings, other than low-solids coatings, the VOC content expressed in grams per liter (or lbs/gal), as applied, less water and exempt compounds; and mix ratio of components, if applicable;
 - For surface preparation, cleaning and stripping materials or for low-solids coatings, the VOC content expressed in grams per liter (or lbs/gal) of material, as used;
 - Vapor pressure and/or boiling point of materials used for surface preparation, equipment cleaning, and stripping, when necessary, to demonstrate compliance with each prohibitory rule;
 - Current manufacturer specification sheets, material safety data sheets (MSDS), product data sheets, or technical bulletins for all materials in use, which shall list all components within each VOC-containing material in use. The manufacturer specification sheets, material safety data sheets, product data sheets, or technical bulletins shall also include: the VOC content (actual and regulatory), toxic air contaminant (TAC) content weight or weight percentage, and material density (weight per volume) or material specific gravity (material density relative to the density of water) for all materials in use;
 - Hourly operation records of each independent paint bay cell;
 - Daily or monthly usage of materials containing VOCs for each substrate (i.e. aerospace, metal, wood, motor vehicle or mobile equipment, or marine) ;
 - Monthly inventory, purchasing or dispensing records of the amount of each stripping, surface preparation and cleaning material used;
 - Records of the dates and amounts of material added to coating dip tanks, when applicable;
 - Type of application equipment used;
 - Records of all inspections, repairs, malfunctions and breakdowns ; and,
 - if applicable, records of actual and maximum oven drying temperatures.
 - If claiming an exemption from a VOC content requirement of 67.9, 67.18 or 40 CFR 63 Subparts GG or II, the applicable exemption and records such as quantity used to substantiate the exemption.
 - For marine coatings subject to 40 CFR 63 Subpart II which are used with thinners, all information necessary to substantiate compliance with the applicable VOC standard of that rule.
 - For marine coatings subject to 40 CFR 63 Subpart II, Certification of the as-supplied VOC content of each batch of coating (Rules 67.3, 67.9, 67.18, 67.11, 67.20.1 and 40 CFR 63 Subpart GG and II)
23. Except as provided in Rule 67.3(b)(1) and (b)(3), all metal coatings used in this operation shall comply with the VOC content limits of 67.3(d)(2) and (d)(3). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
24. The VOC content of non-specialty coatings applied to metal parts and products subject to Rule 67.3 shall not contain more than 340 grams per liter VOC for air dried coatings and not more than 275 grams per liter for baked coatings. (Rule 67.3)
25. Metal surface preparation materials shall meet one of the following requirements:
- the VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - the initial boiling point is at least 190° C (374° F); or
 - the total VOC vapor pressure is 20 mm Hg or less at 20° C (68° F). (Rule 67.3)



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26. VOC-containing materials used to clean application equipment for metal coating operations shall meet one of the following requirements:
 - a. The VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. The initial boiling point is at least 190 degrees C (374 degrees F); or
 - c. The total VOC vapor pressure is 20 mm Hg or less at 20 degrees C (68 degrees F); or
 - d. The cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - e. The application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - f. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - g. A device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.3)
27. All marine coatings used in this operation shall comply with the Volatile Organic HAP content limits of 40 CFR 63 Subpart II (Marine Coating) and with the VOC content limits of 67.18(d)(1) and (d)(2), except as provided in 40 CFR 63 Subpart II 63.781 and Rule 67.18(b). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
28. The VOC content of non-specialty coatings for marine coating operations subject to Rule 67.18 shall not contain more than 340 grams per liter VOC for air dried coatings and not more than 275 grams per liter for baked coatings. (Rule 67.18)
29. Surface preparation for marine coating operations shall meet one of the following requirements:
 - a. The VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. The initial boiling point is at least 190 degrees C (374 degrees F); or
 - c. The total VOC vapor pressure is 45 mm hg or less at 20 degrees C (68 degrees F); or
 - d. The aerospace component is cleaned in an enclosed cleaning material container which is only opened when accessing parts or adding surface cleaning materials. (Rule 67.18)
30. VOC-containing materials used to clean equipment used in marine coating operations shall meet one of the following requirements:
 - a. the VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. the initial boiling point is at least 190°C (374°F); or
 - c. the total VOC vapor pressure is 20 mm Hg or less at 20°C (68°F); or
 - d. the cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - e. the application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - f. a system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - g. a device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.18)
31. All aerospace coatings used in this operation shall comply with the VOC and Organic HAP content limits of 40 CFR 63 Subpart GG (Aerospace Coating) and with the VOC content limits of 67.9(d)(1), except as provided in 40 CFR 63 Subpart GG 63.741 and Rule 67.9(b)(1). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
32. Aerospace stripping materials shall meet one of the following requirements:
 - a. The VOC content does not exceed 400 grams per liter; or
 - b. The total VOC vapor pressure shall be 9.5 mm hg or less at 20 c (68 F) (Rule 67.9)



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33. Permittee shall not use more than 50 gallons or 365 pounds of organic HAP containing chemical strippers per military aircraft depainted for spot stripping and decal removal. (40 CFR 63 Subpart GG)
34. Surface preparation for aerospace coating operations shall meet one of the following requirements:
 - a. The total voc vapor pressure is 45 mm hg or less at 20 degrees C (68 degrees F); or
 - b. The aerospace component is cleaned in an enclosed cleaning material container which is only opened when accessing parts or adding surface cleaning materials. (Rule 67.9, 40 CFR 63 Subpart GG)
35. VOC-containing materials used to clean application equipment for aerospace coating operations shall meet one or more of the following requirements:
 - a. The cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - b. The application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - c. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - d. A device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.9 and 40 CFR 63 Subpart GG)
36. Except as provided in Rule 67.20.1(b)(1) and (b)(3), all automotive coatings used in this operation shall comply with the VOC content limits of 67.20.1(d)(1). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
39. When conducting any operations subject to Motor Vehicle and Mobile Equipment Coating Rule 67.20.1, permittee shall not use any material for surface preparation or any other surface cleaning unless its VOC content is 25 grams or less per liter of material (0.21 lbs/gal), as applied. This VOC content limitation shall not apply to any cleaning material used for the removal of dust, wax, grease, tar, or bugs provided that:
 - a. the VOC content of cleaning material does not exceed 780 grams per liter (6.5 lbs/gal), and
 - b. the cleaning material is applied by non-aerosol, hand-held spray container, and
 - c. not more than 20 gallons per calendar year of such cleaning material are used at the stationary source. (Rule 67.20.1)
40. Any cleaning of coating application equipment, used in operations subject to Motor Vehicle and Mobile Equipment Coating Rule 67.20.1, shall comply with one of the following requirements:
 - a. the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings; and the application equipment or equipment parts shall be cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning material is being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - b. the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings; and a system that totally encloses the component parts being cleaned during the washing, rinsing, and draining process shall be used; or
 - c. the cleaning material shall not contain any exempt compounds and the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings. (Rule 67.20.1)
41. Except as provided in Rule 67.11(b)(1) and (b)(3), all wood coatings used in this operation shall comply with the VOC content limits of 67.11(d)(2) and (d)(3). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.



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- 42. Except as otherwise provided for in section (b), this operation shall comply with all applicable requirements in Wood Coating Rule 67.11, including the VOC limits under subsections (d)(2) and (3). (Rule 67.11)
- 43. All VOC- containing materials used for stripping wood coating operations shall comply with one of the following requirements:
 - a. Material shall contain 200 grams or less of VOC per liter of material; or
 - b. Material shall have a total VOC vapor pressure of 2 mm Hg or less, at 20°C (68°F). (Rule 67.11)
- 44. All VOC-containing materials used for wood coating surface preparation shall contain 25 grams or less of VOC per liter of material. (Rule 67.11)
- 45. All VOC-containing materials used for the cleaning of wood coating application equipment shall comply with one of the following requirements:
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 - d. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes shall be used. (Rule 67.11)
- 46. A person shall not use spray application equipment or any other means to dispose of waste coatings, coating components, surface preparation materials, or cleaning materials into the air or into filter media, except when momentarily purging coating material from a spray applicator cap immediately before or after applying the coating material. (Rules 21 and 20.3)
- 47. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

- 37. The permittee shall not use lead pigmented coatings in any motor vehicle or mobile equipment refinishing operation.
- 38. The permittee shall not use or possess hexavalent chromium (chromium VI) or cadmium pigmented coatings in any motor vehicle or mobile equipment refinishing operation. [Title 17 CCR, Section 93112 - Hexavalent chromium and Cadmium Air Toxic Control Measure - Motor Vehicle and Mobile Refinishing Coatings.]
- 48. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
- 49. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

INDUSTRIAL COATING APPLICATION STATION: ONE (1) PAINT SPRAY BOOTH, CELL NO. 6, 121,550 CU. FT., CUSTOM-MADE, 55' X 85 X 26'H, EQUIPPED WITH EPA METHOD 319 CERTIFIED PARTICULATE FILTERS, DIFFERENTIAL GAUGE AND EXHAUST FAN (LOCATED IN BUILDING 465); USING HVLP SPRAY GUNS TO APPLY COMPLYING COATINGS AND SOLVENTS. 984303(ABG)

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [27K] Surface Coating Application Station

BEC: APCD2024-CON-002143

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

- Coating operations described in permits to operate APCD2008-PTO-005286, APCD2008-PTO-005287, APCD2008-PTO-005288, APCD2008-PTO-005289, APCD2008-PTO-005290, APCD2008-PTO-005291, APCD2008-PTO-005292, APCD2008-PTO-005293, APCD2024-PTO-005081 shall not simultaneously operate more than 8 independent paint bay cells in any given hour. A paint cell shall not be considered in operation if VOC containing materials are not being actively used. (Rule 21 and 20.3)
- All materials containing volatile organic compounds (VOC) or toxic air contaminants (TACs) shall only be applied in the booth specified above, where the exhaust fans and exhaust filters are installed and operating properly. (Rule 20.3 and 1200)
- Coating operations described in permits to operate APCD2008-PTO-005286, APCD2008-PTO-005287, APCD2008-PTO-005288, APCD2008-PTO-005289, APCD2008-PTO-005290, APCD2008-PTO-005291, APCD2008-PTO-005292, APCD2008-PTO-005293, APCD2024-PTO-005081 shall not exceed 9.73 tons of VOC emissions in any given 12-month period. (Rule 21 and 20.3)



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4. The permittee shall conduct all handling and transfer of VOC-containing materials and HAP-containing waste to and from containers, tanks, vats, drums, and piping system in a manner to minimize spills. (40 CFR 63 Subpart II, 40 CFR 63 Subpart GG)
5. All containers, tanks, vats, drums, and piping systems used to store VOC-containing materials and HAP-containing waste shall be maintained free of cracks, holes, and other defects and remain closed unless materials are being added to or removed from them. All materials containing volatile organic compounds shall be stored in such containers. (40 CFR 63 Subpart GG, Rule 67.17)
6. For marine coating operations, maintain and semi-annually report the following: a summary of the number, magnitude, duration, and cause of deviations during the reporting period, the cause of violation, identification of data availability achieved during the reporting period, identification of the compliance status as of the last day of the reporting period and whether compliance was continuous or intermittent, also record and semi-annually report the reason for each deviation, and a description of the corrective action taken for each deviation, including action taken to minimize each deviation and action taken to prevent recurrence. (40 CFR 63 Subpart II)
7. On a semiannual basis, the Permittee shall provide all records required by this permit for marine coating activities to the District and EPA, except for Certification of the as-supplied VOC content of each batch of coating are not required to be reported. In addition, the Permittee shall report to District and EPA whether containers used in conjunction with marine coating activities met the standards stated in this permit. (Rule 67.18, 40 CFR 63 Subpart II)
8. On a semiannual basis, the permittee shall report to the District and EPA any instances where primers or topcoats used on aerospace parts exceeded the applicable Rule 67.9 or 40 CFR 63 Subpart GG VOC limits.
9. On a semiannual basis, the Permittee shall report to the District and EPA all instances where the primer or topcoat application operation applied to aerospace parts was not immediately shut down when the pressure drop across the particulate filter system was outside the limits specified herein. (40 CFR 63 Subpart GG)
10. On a semiannual basis, the Permittee shall report to the district and EPA any instance where a non-compliant cleaning solvent is used for a non-exempt hand wipe cleaning related to aerospace operations, a noncompliant spray gun cleaning method is used, and any instance where a leaking enclosed spray gun cleaner remains unrepaired and in use for more than 15 days. In addition, the Permittee shall report a list of any new cleaning solvents used for hand wipe cleaning used in aerospace operations and provide information on the composite vapor pressure of the new solvent. (Rule 67.9, 40 CFR 63 Subpart GG)
11. If requested by the District or EPA, the applicable test methods listed in Rules 67.9 or 67.3 or 67.11 or 67.20.1 or 67.18 Section (G), as applicable to the substrate being coated, shall be used to determine compliance with the applicable standards of Rules 67.9, 67.20.1, 67.11, 67.3 and 67.18 Section (D).
12. Coatings shall not be applied unless exhaust fans and exhaust filters are installed and operating properly. (Rule 1200, 40 CFR 63 Subpart GG)
13. A differential pressure gauge shall be installed across the three stage filter system in each of the four sections of the spray booth. The pressure gauge shall be properly calibrated to operate within the range of 0 to 3 inches of water gauge (W.G.). Gauge reading in section(s) used, as labeled, shall be recorded at least once per shift when coatings are applied in the equipment described above. The reading shall be taken while the equipment is in operation. [Rule 1200, 40 CFR 63 Subpart GG]
14. The differential pressure reading across the filters shall be maintained between 0.5 and 2.25 inches of water. If the pressure drop across the filter falls outside the specified limits, the Permittee shall shut down the system immediately and take corrective action. If the maintenance procedures for the filter have not been performed as scheduled, the Permittee shall shut down the system immediately and take corrective action. The operation shall not resume until the pressure drop is returned within the specified limits. [Rule 1200, 40 CFR 63 Subpart GG]
15. The equipment listed above shall be maintained and operated in accordance with the manufacturer's specifications or a site specific operation and maintenance plan. The manufacturer's specifications or site specific operation and maintenance plan shall be maintained on site and made available to the District. [Rule 20.3]
16. Records of all inspections, repairs, malfunctions and breakdowns shall be maintained on site for the above equipment. [Rule 20.3]



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17. At no time shall the subject equipment cause or contribute to a nuisance as specified in District Rule 51. If compliance with Rule 51 cannot be demonstrated to the satisfaction of the District, the applicant will take whatever corrective action necessary to meet applicable requirements. If corrective action requires any physical change or modification to the subject equipment, the applicant shall apply for and obtain an Authority to Construct for all such modifications. (Rule 51)
18. Except during marine coating operations subject to Rule 67.18, permittee shall only apply coatings using one of the following methods: High Volume Low Pressure (HVLP) spray application, electrostatic spray application, flow coat application, dip coat, roll coat, or hand application methods (i. e. brushes, rollers, markers, marking pens, etc.). Alternatively, an equivalent application method that has been approved by the District in writing may be used. Airless spray application shall only be used for aerospace maskants and aerospace temporary protective coatings. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
19. High volume low pressure (HVLP), airless, and electrostatic application equipment shall be operated and maintained in accordance with the manufacturer's instructions. For HVLP equipment, the applicant will have available on site pressure gauge(s) in proper operating condition to measure the air cap pressure or have available manufacturer's technical information showing the correlation between the handle air inlet pressure and the air cap pressure. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
20. If the correlation option specified above is chosen to demonstrate compliance, a handle air inlet pressure gauge will be required on site in proper operating condition to measure the handle air inlet pressure. The applicant shall maintain a permanent air pressure at the air cap of 0.1 to 10 psig. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
21. For the purposes of marine coating operations, exempt compounds, as defined in District Rule 2 that are also defined as Hazardous Air Pollutants (HAP) by EPA must be included in determining compliance with any VOC limits for marine coatings in this permit (Rule 67.18 and 40 CFR 63 Subpart II).

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22. Permittee shall maintain the following records in accordance with Rule 67.20.1 (for motor vehicle coating operation), with Rule 67.3 (for metal parts and products coating operation), with Rule 67.18 (for marine coating operations) with Rule 67.9 (for aerospace coating operation) and with 67.11 (for wood coating operation). These records shall be maintained on site for at least five (5) years and shall be made readily available to the District upon request:
- Current list of all VOC-containing materials in use, including but not limited to all coatings, coating component for multi-component coatings (such as bases, catalysts, thinners or reducers, when supplied in separate containers), and materials used for surface preparation, equipment cleaning, and stripping. This list shall include the following information:
 - material name, manufacturer and manufacturer identification;
 - current documentation to demonstrate applicability of any coating category pursuant to Rules 67.3, 67.9, 67.18, 67.20.1 and 67.11;
 - mix ratio, when applicable;
 - For coatings, other than low-solids coatings, the VOC content expressed in grams per liter (or lbs/gal), as applied, less water and exempt compounds; and mix ratio of components, if applicable;
 - For surface preparation, cleaning and stripping materials or for low-solids coatings, the VOC content expressed in grams per liter (or lbs/gal) of material, as used;
 - Vapor pressure and/or boiling point of materials used for surface preparation, equipment cleaning, and stripping, when necessary, to demonstrate compliance with each prohibitory rule;
 - Current manufacturer specification sheets, material safety data sheets (MSDS), product data sheets, or technical bulletins for all materials in use, which shall list all components within each VOC-containing material in use. The manufacturer specification sheets, material safety data sheets, product data sheets, or technical bulletins shall also include: the VOC content (actual and regulatory), toxic air contaminant (TAC) content weight or weight percentage, and material density (weight per volume) or material specific gravity (material density relative to the density of water) for all materials in use;
 - Hourly operation records of each independent paint bay cell;
 - Daily or monthly usage of materials containing VOCs for each substrate (i.e. aerospace, metal, wood, motor vehicle or mobile equipment, or marine) ;
 - Monthly inventory, purchasing or dispensing records of the amount of each stripping, surface preparation and cleaning material used;
 - Records of the dates and amounts of material added to coating dip tanks, when applicable;
 - Type of application equipment used;
 - Records of all inspections, repairs, malfunctions and breakdowns ; and,
 - if applicable, records of actual and maximum oven drying temperatures.
 - If claiming an exemption from a VOC content requirement of 67.9, 67.18 or 40 CFR 63 Subparts GG or II, the applicable exemption and records such as quantity used to substantiate the exemption.
 - For marine coatings subject to 40 CFR 63 Subpart II which are used with thinners, all information necessary to substantiate compliance with the applicable VOC standard of that rule.
 - For marine coatings subject to 40 CFR 63 Subpart II, Certification of the as-supplied VOC content of each batch of coating (Rules 67.3, 67.9, 67.18, 67.11, 67.20.1 and 40 CFR 63 Subpart GG and II)
23. Except as provided in Rule 67.3(b)(1) and (b)(3), all metal coatings used in this operation shall comply with the VOC content limits of 67.3(d)(2) and (d)(3). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
24. The VOC content of non-specialty coatings applied to metal parts and products subject to Rule 67.3 shall not contain more than 340 grams per liter VOC for air dried coatings and not more than 275 grams per liter for baked coatings. (Rule 67.3)
25. Metal surface preparation materials shall meet one of the following requirements:
- the VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - the initial boiling point is at least 190° C (374° F); or
 - the total VOC vapor pressure is 20 mm Hg or less at 20° C (68° F). (Rule 67.3)



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26. VOC-containing materials used to clean application equipment for metal coating operations shall meet one of the following requirements:
 - a. The VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. The initial boiling point is at least 190 degrees C (374 degrees F); or
 - c. The total VOC vapor pressure is 20 mm Hg or less at 20 degrees C (68 degrees F); or
 - d. The cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - e. The application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - f. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - g. A device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.3)
27. All marine coatings used in this operation shall comply with the Volatile Organic HAP content limits of 40 CFR 63 Subpart II (Marine Coating) and with the VOC content limits of 67.18(d)(1) and (d)(2), except as provided in 40 CFR 63 Subpart II 63.781 and Rule 67.18(b). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
28. The VOC content of non-specialty coatings for marine coating operations subject to Rule 67.18 shall not contain more than 340 grams per liter VOC for air dried coatings and not more than 275 grams per liter for baked coatings. (Rule 67.18)
29. Surface preparation for marine coating operations shall meet one of the following requirements:
 - a. The VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. The initial boiling point is at least 190 degrees C (374 degrees F); or
 - c. The total VOC vapor pressure is 45 mm hg or less at 20 degrees C (68 degrees F); or
 - d. The aerospace component is cleaned in an enclosed cleaning material container which is only opened when accessing parts or adding surface cleaning materials. (Rule 67.18)
30. VOC-containing materials used to clean equipment used in marine coating operations shall meet one of the following requirements:
 - a. the VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. the initial boiling point is at least 190°C (374°F); or
 - c. the total VOC vapor pressure is 20 mm Hg or less at 20°C (68°F); or
 - d. the cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - e. the application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - f. a system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - g. a device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.18)
31. All aerospace coatings used in this operation shall comply with the VOC and Organic HAP content limits of 40 CFR 63 Subpart GG (Aerospace Coating) and with the VOC content limits of 67.9(d)(1), except as provided in 40 CFR 63 Subpart GG 63.741 and Rule 67.9(b)(1). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
32. Aerospace stripping materials shall meet one of the following requirements:
 - a. The VOC content does not exceed 400 grams per liter; or
 - b. The total VOC vapor pressure shall be 9.5 mm hg or less at 20 c (68 F) (Rule 67.9)



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33. Permittee shall not use more than 50 gallons or 365 pounds of organic HAP containing chemical strippers per military aircraft depainted for spot stripping and decal removal. (40 CFR 63 Subpart GG)
34. Surface preparation for aerospace coating operations shall meet one of the following requirements:
 - a. The total voc vapor pressure is 45 mm hg or less at 20 degrees C (68 degrees F); or
 - b. The aerospace component is cleaned in an enclosed cleaning material container which is only opened when accessing parts or adding surface cleaning materials. (Rule 67.9, 40 CFR 63 Subpart GG)
35. VOC-containing materials used to clean application equipment for aerospace coating operations shall meet one or more of the following requirements:
 - a. The cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - b. The application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - c. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - d. A device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.9 and 40 CFR 63 Subpart GG)
36. Except as provided in Rule 67.20.1(b)(1) and (b)(3), all automotive coatings used in this operation shall comply with the VOC content limits of 67.20.1(d)(1). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
39. When conducting any operations subject to Motor Vehicle and Mobile Equipment Coating Rule 67.20.1, permittee shall not use any material for surface preparation or any other surface cleaning unless its VOC content is 25 grams or less per liter of material (0.21 lbs/gal), as applied. This VOC content limitation shall not apply to any cleaning material used for the removal of dust, wax, grease, tar, or bugs provided that:
 - a. the VOC content of cleaning material does not exceed 780 grams per liter (6.5 lbs/gal), and
 - b. the cleaning material is applied by non-aerosol, hand-held spray container, and
 - c. not more than 20 gallons per calendar year of such cleaning material are used at the stationary source. (Rule 67.20.1)
40. Any cleaning of coating application equipment, used in operations subject to Motor Vehicle and Mobile Equipment Coating Rule 67.20.1, shall comply with one of the following requirements:
 - a. the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings; and the application equipment or equipment parts shall be cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning material is being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - b. the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings; and a system that totally encloses the component parts being cleaned during the washing, rinsing, and draining process shall be used; or
 - c. the cleaning material shall not contain any exempt compounds and the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings. (Rule 67.20.1)
41. Except as provided in Rule 67.11(b)(1) and (b)(3), all wood coatings used in this operation shall comply with the VOC content limits of 67.11(d)(2) and (d)(3). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.



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- 42. Except as otherwise provided for in section (b), this operation shall comply with all applicable requirements in Wood Coating Rule 67.11, including the VOC limits under subsections (d)(2) and (3). (Rule 67.11)
- 43. All VOC- containing materials used for stripping wood coating operations shall comply with one of the following requirements:
 - a. Material shall contain 200 grams or less of VOC per liter of material; or
 - b. Material shall have a total VOC vapor pressure of 2 mm Hg or less, at 20°C (68°F). (Rule 67.11)
- 44. All VOC-containing materials used for wood coating surface preparation shall contain 25 grams or less of VOC per liter of material. (Rule 67.11)
- 45. All VOC-containing materials used for the cleaning of wood coating application equipment shall comply with one of the following requirements:
 - a. The cleaning material shall contain 25 grams or less of VOC per liter of material; or
 - b. The cleaning material shall be flushed or rinsed through the application equipment in a contained manner that minimizes evaporation into the atmosphere; or
 - c. The application equipment or equipment parts shall be cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning material is being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - d. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes shall be used. (Rule 67.11)
- 46. A person shall not use spray application equipment or any other means to dispose of waste coatings, coating components, surface preparation materials, or cleaning materials into the air or into filter media, except when momentarily purging coating material from a spray applicator cap immediately before or after applying the coating material. (Rules 21 and 20.3)
- 47. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

- 37. The permittee shall not use lead pigmented coatings in any motor vehicle or mobile equipment refinishing operation.
- 38. The permittee shall not use or possess hexavalent chromium (chromium VI) or cadmium pigmented coatings in any motor vehicle or mobile equipment refinishing operation. [Title 17 CCR, Section 93112 - Hexavalent chromium and Cadmium Air Toxic Control Measure - Motor Vehicle and Mobile Refinishing Coatings.]
- 48. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
- 49. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

INDUSTRIAL COATING APPLICATION STATION: ONE (1) PAINT SPRAY CELL NO.7, 121,550 CU. FT., CUSTOM-MADE 55' X 85' X 26'H, EQUIPPED WITH EPA METHOD 319-APPROVED PARTICULATE FILTERS, DIFFERENTIAL PRESSURE GAUGE AND EXHAUST FAN (LOCATED IN BUILDING 465); USING HVLP SPRAY GUNS TO APPLY COMPLYING COATINGS AND SOLVENTS. 984303(ABG)

Functional Group: Aircraft Repairs/Overhaul

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [27K] Surface Coating Application Station

BEC: APCD2024-CON-002143

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Coating operations described in permits to operate APCD2008-PTO-005286, APCD2008-PTO-005287, APCD2008-PTO-005288, APCD2008-PTO-005289, APCD2008-PTO-005290, APCD2008-PTO-005291, APCD2008-PTO-005292, APCD2008-PTO-005293, APCD2024-PTO-005081 shall not simultaneously operate more than 8 independent paint bay cells in any given hour. A paint cell shall not be considered in operation if VOC containing materials are not being actively used. (Rule 21 and 20.3)
2. All materials containing volatile organic compounds (VOC) or toxic air contaminants (TACs) shall only be applied in the booth specified above, where the exhaust fans and exhaust filters are installed and operating properly. (Rule 20.3 and 1200)



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4. The permittee shall conduct all handling and transfer of VOC-containing materials and HAP-containing waste to and from containers, tanks, vats, drums, and piping system in a manner to minimize spills. (40 CFR 63 Subpart II, 40 CFR 63 Subpart GG)
5. All containers, tanks, vats, drums, and piping systems used to store VOC-containing materials and HAP-containing waste shall be maintained free of cracks, holes, and other defects and remain closed unless materials are being added to or removed from them. All materials containing volatile organic compounds shall be stored in such containers. (40 CFR 63 Subpart GG, Rule 67.17)
6. For marine coating operations, maintain and semi-annually report the following: a summary of the number, magnitude, duration, and cause of deviations during the reporting period, the cause of violation, identification of data availability achieved during the reporting period, identification of the compliance status as of the last day of the reporting period and whether compliance was continuous or intermittent, also record and semi-annually report the reason for each deviation, and a description of the corrective action taken for each deviation, including action taken to minimize each deviation and action taken to prevent recurrence. (40 CFR 63 Subpart II)
7. On a semiannual basis, the Permittee shall provide all records required by this permit for marine coating activities to the District and EPA, except for Certification of the as-supplied VOC content of each batch of coating are not required to be reported. In addition, the Permittee shall report to District and EPA whether containers used in conjunction with marine coating activities met the standards stated in this permit. (Rule 67.18, 40 CFR 63 Subpart II)
8. On a semiannual basis, the permittee shall report to the District and EPA any instances where primers or topcoats used on aerospace parts exceeded the applicable Rule 67.9 or 40 CFR 63 Subpart GG VOC limits.
9. On a semiannual basis, the Permittee shall report to the District and EPA all instances where the primer or topcoat application operation applied to aerospace parts was not immediately shut down when the pressure drop across the particulate filter system was outside the limits specified herein. (40 CFR 63 Subpart GG)
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11. If requested by the District or EPA, the applicable test methods listed in Rules 67.9 or 67.3 or 67.11 or 67.20.1 or 67.18 Section (G), as applicable to the substrate being coated, shall be used to determine compliance with the applicable standards of Rules 67.9, 67.20.1, 67.11, 67.3 and 67.18 Section (D).
12. Coatings shall not be applied unless exhaust fans and exhaust filters are installed and operating properly. (Rule 1200, 40 CFR 63 Subpart GG)
13. A differential pressure gauge shall be installed across the three stage filter system in each of the four sections of the spray booth. The pressure gauge shall be properly calibrated to operate within the range of 0 to 3 inches of water gauge (W.G.). Gauge reading in section(s) used, as labeled, shall be recorded at least once per shift when coatings are applied in the equipment described above. The reading shall be taken while the equipment is in operation. [Rule 1200, 40 CFR 63 Subpart GG]
14. The differential pressure reading across the filters shall be maintained between 0.5 and 2.25 inches of water. If the pressure drop across the filter falls outside the specified limits, the Permittee shall shut down the system immediately and take corrective action. If the maintenance procedures for the filter have not been performed as scheduled, the Permittee shall shut down the system immediately and take corrective action. The operation shall not resume until the pressure drop is returned within the specified limits. [Rule 1200, 40 CFR 63 Subpart GG]



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15. The equipment listed above shall be maintained and operated in accordance with the manufacturer's specifications or a site specific operation and maintenance plan. The manufacturer's specifications or site specific operation and maintenance plan shall be maintained on site and made available to the District. [Rule 20.3]
16. Records of all inspections, repairs, malfunctions and breakdowns shall be maintained on site for the above equipment. [Rule 20.3]
17. At no time shall the subject equipment cause or contribute to a nuisance as specified in District Rule 51. If compliance with Rule 51 cannot be demonstrated to the satisfaction of the District, the applicant will take whatever corrective action necessary to meet applicable requirements. If corrective action requires any physical change or modification to the subject equipment, the applicant shall apply for and obtain an Authority to Construct for all such modifications. (Rule 51)
18. Except during marine coating operations subject to Rule 67.18, permittee shall only apply coatings using one of the following methods: High Volume Low Pressure (HVLP) spray application, electrostatic spray application, flow coat application, dip coat, roll coat, or hand application methods (i. e. brushes, rollers, markers, marking pens, etc.). Alternatively, an equivalent application method that has been approved by the District in writing may be used. Airless spray application shall only be used for aerospace maskants and aerospace temporary protective coatings. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
19. High volume low pressure (HVLP), airless, and electrostatic application equipment shall be operated and maintained in accordance with the manufacturer's instructions. For HVLP equipment, the applicant will have available on site pressure gauge(s) in proper operating condition to measure the air cap pressure or have available manufacturer's technical information showing the correlation between the handle air inlet pressure and the air cap pressure. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
20. If the correlation option specified above is chosen to demonstrate compliance, a handle air inlet pressure gauge will be required on site in proper operating condition to measure the handle air inlet pressure. The applicant shall maintain a permanent air pressure at the air cap of 0.1 to 10 psig. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
21. For the purposes of marine coating operations, exempt compounds, as defined in District Rule 2 that are also defined as Hazardous Air Pollutants (HAP) by EPA must be included in determining compliance with any VOC limits for marine coatings in this permit (Rule 67.18 and 40 CFR 63 Subpart II).



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22. Permittee shall maintain the following records in accordance with Rule 67.20.1 (for motor vehicle coating operation), with Rule 67.3 (for metal parts and products coating operation), with Rule 67.18 (for marine coating operations) with Rule 67.9 (for aerospace coating operation) and with 67.11 (for wood coating operation). These records shall be maintained on site for at least five (5) years and shall be made readily available to the District upon request:
- a. Current list of all VOC-containing materials in use, including but not limited to all coatings, coating component for multi-component coatings (such as bases, catalysts, thinners or reducers, when supplied in separate containers), and materials used for surface preparation, equipment cleaning, and stripping. This list shall include the following information:
 - 1. material name, manufacturer and manufacturer identification;
 - 2. current documentation to demonstrate applicability of any coating category pursuant to Rules 67.3, 67.9, 67.18, 67.20.1 and 67.11;
 - 3. mix ratio, when applicable;
 - b. For coatings, other than low-solids coatings, the VOC content expressed in grams per liter (or lbs/gal), as applied, less water and exempt compounds; and mix ratio of components, if applicable;
 - c. For surface preparation, cleaning and stripping materials or for low-solids coatings, the VOC content expressed in grams per liter (or lbs/gal) of material, as used;
 - d. Vapor pressure and/or boiling point of materials used for surface preparation, equipment cleaning, and stripping, when necessary, to demonstrate compliance with each prohibitory rule;
 - e. Current manufacturer specification sheets, material safety data sheets (MSDS), product data sheets, or technical bulletins for all materials in use, which shall list all components within each VOC-containing material in use. The manufacturer specification sheets, material safety data sheets, product data sheets, or technical bulletins shall also include: the VOC content (actual and regulatory), toxic air contaminant (TAC) content weight or weight percentage, and material density (weight per volume) or material specific gravity (material density relative to the density of water) for all materials in use;
 - f. Hourly operation records of each independent paint bay cell;
 - g. Daily or monthly usage of materials containing VOCs for each substrate (i.e. aerospace, metal, wood, motor vehicle or mobile equipment, or marine) ;
 - h. Monthly inventory, purchasing or dispensing records of the amount of each stripping, surface preparation and cleaning material used;
 - i. Records of the dates and amounts of material added to coating dip tanks, when applicable;
 - j. Type of application equipment used;
 - k. Records of all inspections, repairs, malfunctions and breakdowns ; and,
 - l. if applicable, records of actual and maximum oven drying temperatures.
 - m. If claiming an exemption from a VOC content requirement of 67.9, 67.18 or 40 CFR 63 Subparts GG or II, the applicable exemption and records such as quantity used to substantiate the exemption.
 - n. For marine coatings subject to 40 CFR 63 Subpart II which are used with thinners, all information necessary to substantiate compliance with the applicable VOC standard of that rule.
 - o. For marine coatings subject to 40 CFR 63 Subpart II, Certification of the as-supplied VOC content of each batch of coating (Rules 67.3, 67.9, 67.18, 67.11, 67.20.1 and 40 CFR 63 Subpart GG and II)
23. Except as provided in Rule 67.3(b)(1) and (b)(3), all metal coatings used in this operation shall comply with the VOC content limits of 67.3(d)(2) and (d)(3). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
24. The VOC content of non-specialty coatings applied to metal parts and products subject to Rule 67.3 shall not contain more than 340 grams per liter VOC for air dried coatings and not more than 275 grams per liter for baked coatings. (Rule 67.3)
25. Metal surface preparation materials shall meet one of the following requirements:
- a. the VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. the initial boiling point is at least 190° C (374° F); or
 - c. the total VOC vapor pressure is 20 mm Hg or less at 20° C (68° F). (Rule 67.3)



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26. VOC-containing materials used to clean application equipment for metal coating operations shall meet one of the following requirements:
 - a. The VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. The initial boiling point is at least 190 degrees C (374 degrees F); or
 - c. The total VOC vapor pressure is 20 mm Hg or less at 20 degrees C (68 degrees F); or
 - d. The cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - e. The application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - f. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - g. A device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.3)
27. All marine coatings used in this operation shall comply with the Volatile Organic HAP content limits of 40 CFR 63 Subpart II (Marine Coating) and with the VOC content limits of 67.18(d)(1) and (d)(2), except as provided in 40 CFR 63 Subpart II 63.781 and Rule 67.18(b). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
28. The VOC content of non-specialty coatings for marine coating operations subject to Rule 67.18 shall not contain more than 340 grams per liter VOC for air dried coatings and not more than 275 grams per liter for baked coatings. (Rule 67.18)
29. Surface preparation for marine coating operations shall meet one of the following requirements:
 - a. The VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. The initial boiling point is at least 190 degrees C (374 degrees F); or
 - c. The total VOC vapor pressure is 45 mm hg or less at 20 degrees C (68 degrees F); or
 - d. The aerospace component is cleaned in an enclosed cleaning material container which is only opened when accessing parts or adding surface cleaning materials. (Rule 67.18)
30. VOC-containing materials used to clean equipment used in marine coating operations shall meet one of the following requirements:
 - a. the VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. the initial boiling point is at least 190°C (374°F); or
 - c. the total VOC vapor pressure is 20 mm Hg or less at 20°C (68°F); or
 - d. the cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - e. the application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - f. a system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - g. a device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.18)
31. All aerospace coatings used in this operation shall comply with the VOC and Organic HAP content limits of 40 CFR 63 Subpart GG (Aerospace Coating) and with the VOC content limits of 67.9(d)(1), except as provided in 40 CFR 63 Subpart GG 63.741 and Rule 67.9(b)(1). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
32. Aerospace stripping materials shall meet one of the following requirements:
 - a. The VOC content does not exceed 400 grams per liter; or
 - b. The total VOC vapor pressure shall be 9.5 mm hg or less at 20 c (68 F) (Rule 67.9)



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33. Permittee shall not use more than 50 gallons or 365 pounds of organic HAP containing chemical strippers per military aircraft depainted for spot stripping and decal removal. (40 CFR 63 Subpart GG)
34. Surface preparation for aerospace coating operations shall meet one of the following requirements:
 - a. The total voc vapor pressure is 45 mm hg or less at 20 degrees C (68 degrees F); or
 - b. The aerospace component is cleaned in an enclosed cleaning material container which is only opened when accessing parts or adding surface cleaning materials. (Rule 67.9, 40 CFR 63 Subpart GG)
35. VOC-containing materials used to clean application equipment for aerospace coating operations shall meet one or more of the following requirements:
 - a. The cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - b. The application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - c. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - d. A device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.9 and 40 CFR 63 Subpart GG)
36. Except as provided in Rule 67.20.1(b)(1) and (b)(3), all automotive coatings used in this operation shall comply with the VOC content limits of 67.20.1(d)(1). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
39. When conducting any operations subject to Motor Vehicle and Mobile Equipment Coating Rule 67.20.1, permittee shall not use any material for surface preparation or any other surface cleaning unless its VOC content is 25 grams or less per liter of material (0.21 lbs/gal), as applied. This VOC content limitation shall not apply to any cleaning material used for the removal of dust, wax, grease, tar, or bugs provided that:
 - a. the VOC content of cleaning material does not exceed 780 grams per liter (6.5 lbs/gal), and
 - b. the cleaning material is applied by non-aerosol, hand-held spray container, and
 - c. not more than 20 gallons per calendar year of such cleaning material are used at the stationary source. (Rule 67.20.1)
40. Any cleaning of coating application equipment, used in operations subject to Motor Vehicle and Mobile Equipment Coating Rule 67.20.1, shall comply with one of the following requirements:
 - a. the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings; and the application equipment or equipment parts shall be cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning material is being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - b. the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings; and a system that totally encloses the component parts being cleaned during the washing, rinsing, and draining process shall be used; or
 - c. the cleaning material shall not contain any exempt compounds and the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings. (Rule 67.20.1)
41. Except as provided in Rule 67.11(b)(1) and (b)(3), all wood coatings used in this operation shall comply with the VOC content limits of 67.11(d)(2) and (d)(3). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.



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- 42. Except as otherwise provided for in section (b), this operation shall comply with all applicable requirements in Wood Coating Rule 67.11, including the VOC limits under subsections (d)(2) and (3). (Rule 67.11)
- 43. All VOC- containing materials used for stripping wood coating operations shall comply with one of the following requirements:
 - a. Material shall contain 200 grams or less of VOC per liter of material; or
 - b. Material shall have a total VOC vapor pressure of 2 mm Hg or less, at 20°C (68°F). (Rule 67.11)
- 44. All VOC-containing materials used for wood coating surface preparation shall contain 25 grams or less of VOC per liter of material. (Rule 67.11)
- 45. All VOC-containing materials used for the cleaning of wood coating application equipment shall comply with one of the following requirements:
 - a. The cleaning material shall contain 25 grams or less of VOC per liter of material; or
 - b. The cleaning material shall be flushed or rinsed through the application equipment in a contained manner that minimizes evaporation into the atmosphere; or
 - c. The application equipment or equipment parts shall be cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning material is being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - d. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes shall be used. (Rule 67.11)
- 46. A person shall not use spray application equipment or any other means to dispose of waste coatings, coating components, surface preparation materials, or cleaning materials into the air or into filter media, except when momentarily purging coating material from a spray applicator cap immediately before or after applying the coating material. (Rules 21 and 20.3)
- 47. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

- 37. The permittee shall not use lead pigmented coatings in any motor vehicle or mobile equipment refinishing operation.
- 38. The permittee shall not use or possess hexavalent chromium (chromium VI) or cadmium pigmented coatings in any motor vehicle or mobile equipment refinishing operation. [Title 17 CCR, Section 93112 - Hexavalent chromium and Cadmium Air Toxic Control Measure - Motor Vehicle and Mobile Refinishing Coatings.]
- 48. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
- 49. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

INDUSTRIAL COATING APPLICATION STATION: ONE (1) PAINT SPRAY CELL NO. 8, 121,550 CU. FT., CUSTOM-MADE, 55' X 85' X 26'H, EQUIPPED WITH EPA METHOD 319-APPROVED PARTICULATE FILTERS, DIFFERENTIAL PRESSURE GAUGE AND EXHAUST FAN (LOCATED IN BUILDING 465); USING HVLP SPRAY GUNS TO APPLY COMPLYING COATINGS AND SOLVENTS. 984303(ABG)

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [27K] Surface Coating Application Station

BEC: APCD2024-CON-002143

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Coating operations described in permits to operate APCD2008-PTO-005286, APCD2008-PTO-005287, APCD2008-PTO-005288, APCD2008-PTO-005289, APCD2008-PTO-005290, APCD2008-PTO-005291, APCD2008-PTO-005292, APCD2008-PTO-005293, APCD2024-PTO-005081 shall not simultaneously operate more than 8 independent paint bay cells in any given hour. A paint cell shall not be considered in operation if VOC containing materials are not being actively used. (Rule 21 and 20.3)
2. All materials containing volatile organic compounds (VOC) or toxic air contaminants (TACs) shall only be applied in the booth specified above, where the exhaust fans and exhaust filters are installed and operating properly. (Rule 20.3 and 1200)
3. Coating operations described in permits to operate APCD2008-PTO-005286, APCD2008-PTO-005287, APCD2008-PTO-005288, APCD2008-PTO-005289, APCD2008-PTO-005290, APCD2008-PTO-005291, APCD2008-PTO-005292, APCD2008-PTO-005293, APCD2024-PTO-005081 shall not exceed 9.73 tons of VOC emissions in any given 12-month period. (Rule 21 and 20.3)



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4. The permittee shall conduct all handling and transfer of VOC-containing materials and HAP-containing waste to and from containers, tanks, vats, drums, and piping system in a manner to minimize spills. (40 CFR 63 Subpart II, 40 CFR 63 Subpart GG)
5. All containers, tanks, vats, drums, and piping systems used to store VOC-containing materials and HAP-containing waste shall be maintained free of cracks, holes, and other defects and remain closed unless materials are being added to or removed from them. All materials containing volatile organic compounds shall be stored in such containers. (40 CFR 63 Subpart GG, Rule 67.17)
6. For marine coating operations, maintain and semi-annually report the following: a summary of the number, magnitude, duration, and cause of deviations during the reporting period, the cause of violation, identification of data availability achieved during the reporting period, identification of the compliance status as of the last day of the reporting period and whether compliance was continuous or intermittent, also record and semi-annually report the reason for each deviation, and a description of the corrective action taken for each deviation, including action taken to minimize each deviation and action taken to prevent recurrence. (40 CFR 63 Subpart II)
7. On a semiannual basis, the Permittee shall provide all records required by this permit for marine coating activities to the District and EPA, except for Certification of the as-supplied VOC content of each batch of coating are not required to be reported. In addition, the Permittee shall report to District and EPA whether containers used in conjunction with marine coating activities met the standards stated in this permit. (Rule 67.18, 40 CFR 63 Subpart II)
8. On a semiannual basis, the permittee shall report to the District and EPA any instances where primers or topcoats used on aerospace parts exceeded the applicable Rule 67.9 or 40 CFR 63 Subpart GG VOC limits.
9. On a semiannual basis, the Permittee shall report to the District and EPA all instances where the primer or topcoat application operation applied to aerospace parts was not immediately shut down when the pressure drop across the particulate filter system was outside the limits specified herein. (40 CFR 63 Subpart GG)
10. On a semiannual basis, the Permittee shall report to the district and EPA any instance where a non-compliant cleaning solvent is used for a non-exempt hand wipe cleaning related to aerospace operations, a noncompliant spray gun cleaning method is used, and any instance where a leaking enclosed spray gun cleaner remains unrepaired and in use for more than 15 days. In addition, the Permittee shall report a list of any new cleaning solvents used for hand wipe cleaning used in aerospace operations and provide information on the composite vapor pressure of the new solvent. (Rule 67.9, 40 CFR 63 Subpart GG)
11. If requested by the District or EPA, the applicable test methods listed in Rules 67.9 or 67.3 or 67.11 or 67.20.1 or 67.18 Section (G), as applicable to the substrate being coated, shall be used to determine compliance with the applicable standards of Rules 67.9, 67.20.1, 67.11, 67.3 and 67.18 Section (D).
12. Coatings shall not be applied unless exhaust fans and exhaust filters are installed and operating properly. (Rule 1200, 40 CFR 63 Subpart GG)
13. A differential pressure gauge shall be installed across the three stage filter system in each of the four sections of the spray booth. The pressure gauge shall be properly calibrated to operate within the range of 0 to 3 inches of water gauge (W.G.). Gauge reading in section(s) used, as labeled, shall be recorded at least once per shift when coatings are applied in the equipment described above. The reading shall be taken while the equipment is in operation. [Rule 1200, 40 CFR 63 Subpart GG]
14. The differential pressure reading across the filters shall be maintained between 0.5 and 2.25 inches of water. If the pressure drop across the filter falls outside the specified limits, the Permittee shall shut down the system immediately and take corrective action. If the maintenance procedures for the filter have not been performed as scheduled, the Permittee shall shut down the system immediately and take corrective action. The operation shall not resume until the pressure drop is returned within the specified limits. [Rule 1200, 40 CFR 63 Subpart GG]
15. The equipment listed above shall be maintained and operated in accordance with the manufacturer's specifications or a site specific operation and maintenance plan. The manufacturer's specifications or site specific operation and maintenance plan shall be maintained on site and made available to the District. [Rule 20.3]
16. Records of all inspections, repairs, malfunctions and breakdowns shall be maintained on site for the above equipment. [Rule 20.3]



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17. At no time shall the subject equipment cause or contribute to a nuisance as specified in District Rule 51. If compliance with Rule 51 cannot be demonstrated to the satisfaction of the District, the applicant will take whatever corrective action necessary to meet applicable requirements. If corrective action requires any physical change or modification to the subject equipment, the applicant shall apply for and obtain an Authority to Construct for all such modifications. (Rule 51)
18. Except during marine coating operations subject to Rule 67.18, permittee shall only apply coatings using one of the following methods: High Volume Low Pressure (HVLP) spray application, electrostatic spray application, flow coat application, dip coat, roll coat, or hand application methods (i. e. brushes, rollers, markers, marking pens, etc.). Alternatively, an equivalent application method that has been approved by the District in writing may be used. Airless spray application shall only be used for aerospace maskants and aerospace temporary protective coatings. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
19. High volume low pressure (HVLP), airless, and electrostatic application equipment shall be operated and maintained in accordance with the manufacturer's instructions. For HVLP equipment, the applicant will have available on site pressure gauge(s) in proper operating condition to measure the air cap pressure or have available manufacturer's technical information showing the correlation between the handle air inlet pressure and the air cap pressure. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
20. If the correlation option specified above is chosen to demonstrate compliance, a handle air inlet pressure gauge will be required on site in proper operating condition to measure the handle air inlet pressure. The applicant shall maintain a permanent air pressure at the air cap of 0.1 to 10 psig. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
21. For the purposes of marine coating operations, exempt compounds, as defined in District Rule 2 that are also defined as Hazardous Air Pollutants (HAP) by EPA must be included in determining compliance with any VOC limits for marine coatings in this permit (Rule 67.18 and 40 CFR 63 Subpart II).



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22. Permittee shall maintain the following records in accordance with Rule 67.20.1 (for motor vehicle coating operation), with Rule 67.3 (for metal parts and products coating operation), with Rule 67.18 (for marine coating operations) with Rule 67.9 (for aerospace coating operation) and with 67.11 (for wood coating operation). These records shall be maintained on site for at least five (5) years and shall be made readily available to the District upon request:
- a. Current list of all VOC-containing materials in use, including but not limited to all coatings, coating component for multi-component coatings (such as bases, catalysts, thinners or reducers, when supplied in separate containers), and materials used for surface preparation, equipment cleaning, and stripping. This list shall include the following information:
 - 1. material name, manufacturer and manufacturer identification;
 - 2. current documentation to demonstrate applicability of any coating category pursuant to Rules 67.3, 67.9, 67.18, 67.20.1 and 67.11;
 - 3. mix ratio, when applicable;
 - b. For coatings, other than low-solids coatings, the VOC content expressed in grams per liter (or lbs/gal), as applied, less water and exempt compounds; and mix ratio of components, if applicable;
 - c. For surface preparation, cleaning and stripping materials or for low-solids coatings, the VOC content expressed in grams per liter (or lbs/gal) of material, as used;
 - d. Vapor pressure and/or boiling point of materials used for surface preparation, equipment cleaning, and stripping, when necessary, to demonstrate compliance with each prohibitory rule;
 - e. Current manufacturer specification sheets, material safety data sheets (MSDS), product data sheets, or technical bulletins for all materials in use, which shall list all components within each VOC-containing material in use. The manufacturer specification sheets, material safety data sheets, product data sheets, or technical bulletins shall also include: the VOC content (actual and regulatory), toxic air contaminant (TAC) content weight or weight percentage, and material density (weight per volume) or material specific gravity (material density relative to the density of water) for all materials in use;
 - f. Hourly operation records of each independent paint bay cell;
 - g. Daily or monthly usage of materials containing VOCs for each substrate (i.e. aerospace, metal, wood, motor vehicle or mobile equipment, or marine) ;
 - h. Monthly inventory, purchasing or dispensing records of the amount of each stripping, surface preparation and cleaning material used;
 - i. Records of the dates and amounts of material added to coating dip tanks, when applicable;
 - j. Type of application equipment used;
 - k. Records of all inspections, repairs, malfunctions and breakdowns ; and,
 - l. if applicable, records of actual and maximum oven drying temperatures.
 - m. If claiming an exemption from a VOC content requirement of 67.9, 67.18 or 40 CFR 63 Subparts GG or II, the applicable exemption and records such as quantity used to substantiate the exemption.
 - n. For marine coatings subject to 40 CFR 63 Subpart II which are used with thinners, all information necessary to substantiate compliance with the applicable VOC standard of that rule.
 - o. For marine coatings subject to 40 CFR 63 Subpart II, Certification of the as-supplied VOC content of each batch of coating (Rules 67.3, 67.9, 67.18, 67.11, 67.20.1 and 40 CFR 63 Subpart GG and II)
23. Except as provided in Rule 67.3(b)(1) and (b)(3), all metal coatings used in this operation shall comply with the VOC content limits of 67.3(d)(2) and (d)(3). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
24. The VOC content of non-specialty coatings applied to metal parts and products subject to Rule 67.3 shall not contain more than 340 grams per liter VOC for air dried coatings and not more than 275 grams per liter for baked coatings. (Rule 67.3)
25. Metal surface preparation materials shall meet one of the following requirements:
- a. the VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. the initial boiling point is at least 190° C (374° F); or
 - c. the total VOC vapor pressure is 20 mm Hg or less at 20° C (68° F). (Rule 67.3)



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26. VOC-containing materials used to clean application equipment for metal coating operations shall meet one of the following requirements:
 - a. The VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. The initial boiling point is at least 190 degrees C (374 degrees F); or
 - c. The total VOC vapor pressure is 20 mm Hg or less at 20 degrees C (68 degrees F); or
 - d. The cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - e. The application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - f. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - g. A device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.3)
27. All marine coatings used in this operation shall comply with the Volatile Organic HAP content limits of 40 CFR 63 Subpart II (Marine Coating) and with the VOC content limits of 67.18(d)(1) and (d)(2), except as provided in 40 CFR 63 Subpart II 63.781 and Rule 67.18(b). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
28. The VOC content of non-specialty coatings for marine coating operations subject to Rule 67.18 shall not contain more than 340 grams per liter VOC for air dried coatings and not more than 275 grams per liter for baked coatings. (Rule 67.18)
29. Surface preparation for marine coating operations shall meet one of the following requirements:
 - a. The VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. The initial boiling point is at least 190 degrees C (374 degrees F); or
 - c. The total VOC vapor pressure is 45 mm hg or less at 20 degrees C (68 degrees F); or
 - d. The aerospace component is cleaned in an enclosed cleaning material container which is only opened when accessing parts or adding surface cleaning materials. (Rule 67.18)
30. VOC-containing materials used to clean equipment used in marine coating operations shall meet one of the following requirements:
 - a. the VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. the initial boiling point is at least 190°C (374°F); or
 - c. the total VOC vapor pressure is 20 mm Hg or less at 20°C (68°F); or
 - d. the cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - e. the application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - f. a system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - g. a device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.18)
31. All aerospace coatings used in this operation shall comply with the VOC and Organic HAP content limits of 40 CFR 63 Subpart GG (Aerospace Coating) and with the VOC content limits of 67.9(d)(1), except as provided in 40 CFR 63 Subpart GG 63.741 and Rule 67.9(b)(1). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
32. Aerospace stripping materials shall meet one of the following requirements:
 - a. The VOC content does not exceed 400 grams per liter; or
 - b. The total VOC vapor pressure shall be 9.5 mm hg or less at 20 c (68 F) (Rule 67.9)



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33. Permittee shall not use more than 50 gallons or 365 pounds of organic HAP containing chemical strippers per military aircraft depainted for spot stripping and decal removal. (40 CFR 63 Subpart GG)
34. Surface preparation for aerospace coating operations shall meet one of the following requirements:
 - a. The total voc vapor pressure is 45 mm hg or less at 20 degrees C (68 degrees F); or
 - b. The aerospace component is cleaned in an enclosed cleaning material container which is only opened when accessing parts or adding surface cleaning materials. (Rule 67.9, 40 CFR 63 Subpart GG)
35. VOC-containing materials used to clean application equipment for aerospace coating operations shall meet one or more of the following requirements:
 - a. The cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - b. The application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - c. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - d. A device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.9 and 40 CFR 63 Subpart GG)
36. Except as provided in Rule 67.20.1(b)(1) and (b)(3), all automotive coatings used in this operation shall comply with the VOC content limits of 67.20.1(d)(1). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
39. When conducting any operations subject to Motor Vehicle and Mobile Equipment Coating Rule 67.20.1, permittee shall not use any material for surface preparation or any other surface cleaning unless its VOC content is 25 grams or less per liter of material (0.21 lbs/gal), as applied. This VOC content limitation shall not apply to any cleaning material used for the removal of dust, wax, grease, tar, or bugs provided that:
 - a. the VOC content of cleaning material does not exceed 780 grams per liter (6.5 lbs/gal), and
 - b. the cleaning material is applied by non-aerosol, hand-held spray container, and
 - c. not more than 20 gallons per calendar year of such cleaning material are used at the stationary source. (Rule 67.20.1)
40. Any cleaning of coating application equipment, used in operations subject to Motor Vehicle and Mobile Equipment Coating Rule 67.20.1, shall comply with one of the following requirements:
 - a. the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings; and the application equipment or equipment parts shall be cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning material is being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - b. the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings; and a system that totally encloses the component parts being cleaned during the washing, rinsing, and draining process shall be used; or
 - c. the cleaning material shall not contain any exempt compounds and the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings. (Rule 67.20.1)
41. Except as provided in Rule 67.11(b)(1) and (b)(3), all wood coatings used in this operation shall comply with the VOC content limits of 67.11(d)(2) and (d)(3). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.



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- 42. Except as otherwise provided for in section (b), this operation shall comply with all applicable requirements in Wood Coating Rule 67.11, including the VOC limits under subsections (d)(2) and (3). (Rule 67.11)
- 43. All VOC- containing materials used for stripping wood coating operations shall comply with one of the following requirements:
 - a. Material shall contain 200 grams or less of VOC per liter of material; or
 - b. Material shall have a total VOC vapor pressure of 2 mm Hg or less, at 20°C (68°F). (Rule 67.11)
- 44. All VOC-containing materials used for wood coating surface preparation shall contain 25 grams or less of VOC per liter of material. (Rule 67.11)
- 45. All VOC-containing materials used for the cleaning of wood coating application equipment shall comply with one of the following requirements:
 - a. The cleaning material shall contain 25 grams or less of VOC per liter of material; or
 - b. The cleaning material shall be flushed or rinsed through the application equipment in a contained manner that minimizes evaporation into the atmosphere; or
 - c. The application equipment or equipment parts shall be cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning material is being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - d. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes shall be used. (Rule 67.11)
- 46. A person shall not use spray application equipment or any other means to dispose of waste coatings, coating components, surface preparation materials, or cleaning materials into the air or into filter media, except when momentarily purging coating material from a spray applicator cap immediately before or after applying the coating material. (Rules 21 and 20.3)
- 47. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

- 37. The permittee shall not use lead pigmented coatings in any motor vehicle or mobile equipment refinishing operation.
- 38. The permittee shall not use or possess hexavalent chromium (chromium VI) or cadmium pigmented coatings in any motor vehicle or mobile equipment refinishing operation. [Title 17 CCR, Section 93112 - Hexavalent chromium and Cadmium Air Toxic Control Measure - Motor Vehicle and Mobile Refinishing Coatings.]
- 48. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
- 49. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

AEROSPACE/METAL/MARINE/MV/MOBILE COATING APPLICATION STATION: PAINT SPRAY BOOTH 13,200 CU FT DE VILBISS, 44' X 25' X 12'H; 25' X 12'H; EXHAUST SYS OF 75 FILTERS EACH 20" X 25" X 2", FANS IN BLDG 476 USING HVLP SPRAY GUNS TO APPLY COMPLIANT COATINGS AND SOLVENTS.

Functional Group: Aircraft Repairs/Overhaul

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [27K] Surface Coating Application Station

BEC: 12471

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

2. Permittee shall not spray inorganic HAP-containing coatings in this operation. (Rule 1200, 40 CFR Part 63 Subpart GG)
3. The permittee shall conduct all handling and transfer of VOC-containing materials and HAP-containing waste to and from containers, tanks, vats, drums, and piping system in a manner to minimize spills. (40 CFR 63 Subpart II, 40 CFR 63 Subpart GG)
4. All containers, tanks, vats, drums, and piping systems used to store VOC-containing materials and HAP-containing waste shall be maintained free of cracks, holes, and other defects and remain closed unless materials are being added to or removed from them. All materials containing volatile organic compounds shall be stored in such containers. (40 CFR 63 Subpart GG, Rule 67.17)



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5. For marine coating operations, maintain and semi-annually report the following: a summary of the number, magnitude, duration, and cause of deviations during the reporting period, the cause of violation, identification of data availability achieved during the reporting period, identification of the compliance status as of the last day of the reporting period and whether compliance was continuous or intermittent, also record and semi-annually report the reason for each deviation, and a description of the corrective action taken for each deviation, including action taken to minimize each deviation and action taken to prevent recurrence. (40 CFR 63 Subpart II)
6. On a semiannual basis, the Permittee shall provide all records required by this permit for marine coating activities to the District and EPA, except for Certification of the as-supplied VOC content of each batch of coating are not required to be reported. In addition, the Permittee shall report to District and EPA whether containers used in conjunction with marine coating activities met the standards stated in this permit. (Rule 67.18, 40 CFR 63 Subpart II)
7. On a semiannual basis, the permittee shall report to the District and EPA any instances where primers or topcoats used on aerospace parts exceeded the applicable Rule 67.9 or 40 CFR 63 Subpart GG VOC limits.
8. On a semiannual basis, the Permittee shall report to the district and EPA any instance where a non-compliant cleaning solvent is used for a non-exempt hand wipe cleaning related to aerospace operations, a noncompliant spray gun cleaning method is used, and any instance where a leaking enclosed spray gun cleaner remains unrepaired and in use for more than 15 days. In addition, the Permittee shall report a list of any new cleaning solvents used for hand wipe cleaning used in aerospace operations and provide information on the composite vapor pressure of the new solvent. (Rule 67.9, 40 CFR 63 Subpart GG)
9. If requested by the District or EPA, the applicable test methods listed in Rules 67.9 or 67.3 or 67.11 or 67.20.1 or 67.18 Section (G), as applicable to the substrate being coated, shall be used to determine compliance with the applicable standards of Rules 67.9, 67.20.1, 67.11, 67.3 and 67.18 Section (D).
10. The equipment listed above shall be maintained and operated in accordance with the manufacturer's specifications or a site specific operation and maintenance plan. The manufacturer's specifications or site specific operation and maintenance plan shall be maintained on site and made available to the District. [Rule 20.3]
11. Records of all inspections, repairs, malfunctions and breakdowns shall be maintained on site for the above equipment. [Rule 20.3]
12. At no time shall the subject equipment cause or contribute to a nuisance as specified in District Rule 51. If compliance with Rule 51 cannot be demonstrated to the satisfaction of the District, the applicant will take whatever corrective action necessary to meet applicable requirements. If corrective action requires any physical change or modification to the subject equipment, the applicant shall apply for and obtain an Authority to Construct for all such modifications. (Rule 51)
13. Except during marine coating operations subject to Rule 67.18, permittee shall only apply coatings using one of the following methods: High Volume Low Pressure (HVLP) spray application, electrostatic spray application, flow coat application, dip coat, roll coat, or hand application methods (i. e. brushes, rollers, markers, marking pens, etc.). Alternatively, an equivalent application method that has been approved by the District in writing may be used. Airless spray application shall only be used for aerospace maskants and aerospace temporary protective coatings. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
14. High volume low pressure (HVLP), airless, and electrostatic application equipment shall be operated and maintained in accordance with the manufacturer's instructions. For HVLP equipment, the applicant will have available on site pressure gauge(s) in proper operating condition to measure the air cap pressure or have available manufacturer's technical information showing the correlation between the handle air inlet pressure and the air cap pressure. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
15. If the correlation option specified above is chosen to demonstrate compliance, a handle air inlet pressure gauge will be required on site in proper operating condition to measure the handle air inlet pressure. The applicant shall maintain a permanent air pressure at the air cap of 0.1 to 10 psig. (Rule 67.3/67.9/67.11/67.20.1/40 CFR 63 Subpart GG)
16. For the purposes of marine coating operations, exempt compounds, as defined in District Rule 2 that are also defined as Hazardous Air Pollutants (HAP) by EPA must be included in determining compliance with any VOC limits for marine coatings in this permit (Rule 67.18 and 40 CFR 63 Subpart II).



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17. Permittee shall maintain the following records in accordance with Rule 67.20.1 (for motor vehicle coating operation), with Rule 67.3 (for metal parts and products coating operation), with Rule 67.18 (for marine coating operations) with Rule 67.9 (for aerospace coating operation) and with 67.11 (for wood coating operation). These records shall be maintained on site for at least five (5) years and shall be made readily available to the District upon request:
- a. Current list of all VOC-containing materials in use, including but not limited to all coatings, coating component for multi-component coatings (such as bases, catalysts, thinners or reducers, when supplied in separate containers), and materials used for surface preparation, equipment cleaning, and stripping. This list shall include the following information:
 - 1. material name, manufacturer and manufacturer identification;
 - 2. current documentation to demonstrate applicability of any coating category pursuant to Rules 67.3, 67.9, 67.18, 67.20.1 and 67.11;
 - 3. mix ratio, when applicable;
 - b. For coatings, other than low-solids coatings, the VOC content expressed in grams per liter (or lbs/gal), as applied, less water and exempt compounds; and mix ratio of components, if applicable;
 - c. For surface preparation, cleaning and stripping materials or for low-solids coatings, the VOC content expressed in grams per liter (or lbs/gal) of material, as used;
 - d. Vapor pressure and/or boiling point of materials used for surface preparation, equipment cleaning, and stripping, when necessary, to demonstrate compliance with each prohibitory rule;
 - e. Current manufacturer specification sheets, material safety data sheets (MSDS), product data sheets, or technical bulletins for all materials in use, which shall list all components within each VOC-containing material in use. The manufacturer specification sheets, material safety data sheets, product data sheets, or technical bulletins shall also include: the VOC content (actual and regulatory), toxic air contaminant (TAC) content weight or weight percentage, and material density (weight per volume) or material specific gravity (material density relative to the density of water) for all materials in use;
 - f. Daily or monthly usage of materials containing VOCs for each substrate (i.e. aerospace, metal, wood, motor vehicle or mobile equipment, or marine) ;
 - g. Monthly inventory, purchasing or dispensing records of the amount of each stripping, surface preparation and cleaning material used;
 - h. Records of the dates and amounts of material added to coating dip tanks, when applicable;
 - i. Type of application equipment used;
 - j. Records of all inspections, repairs, malfunctions and breakdowns ; and,
 - k. if applicable, records of actual and maximum oven drying temperatures.
 - l. If claiming an exemption from a VOC content requirement of 67.9, 67.18 or 40 CFR 63 Subparts GG or II, the applicable exemption and records such as quantity used to substantiate the exemption.
 - m. For marine coatings subject to 40 CFR 63 Subpart II which are used with thinners, all information necessary to substantiate compliance with the applicable VOC standard of that rule.
 - n. For marine coatings subject to 40 CFR 63 Subpart II, Certification of the as-supplied VOC content of each batch of coating (Rules 67.3, 67.9, 67.18, 67.11, 67.20.1 and 40 CFR 63 Subpart GG and II)
18. Except as provided in Rule 67.3(b)(1) and (b)(3), all metal coatings used in this operation shall comply with the VOC content limits of 67.3(d)(2) and (d)(3). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
19. The VOC content of non-specialty coatings applied to metal parts and products subject to Rule 67.3 shall not contain more than 340 grams per liter VOC for air dried coatings and not more than 275 grams per liter for baked coatings. (Rule 67.3)
20. Metal surface preparation materials shall meet one of the following requirements:
- a. the VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. the initial boiling point is at least 190° C (374° F); or
 - c. the total VOC vapor pressure is 20 mm Hg or less at 20° C (68° F). (Rule 67.3)



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21. VOC-containing materials used to clean application equipment for metal coating operations shall meet one of the following requirements:
 - a. The VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. The initial boiling point is at least 190 degrees C (374 degrees F); or
 - c. The total VOC vapor pressure is 20 mm Hg or less at 20 degrees C (68 degrees F); or
 - d. The cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - e. The application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - f. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - g. A device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.3)
22. All marine coatings used in this operation shall comply with the Volatile Organic HAP content limits of 40 CFR 63 Subpart II (Marine Coating) and with the VOC content limits of 67.18(d)(1) and (d)(2), except as provided in 40 CFR 63 Subpart II 63.781 and Rule 67.18(b). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
23. The VOC content of non-specialty coatings for marine coating operations subject to Rule 67.18 shall not contain more than 340 grams per liter VOC for air dried coatings and not more than 275 grams per liter for baked coatings. (Rule 67.18)
24. Surface preparation for marine coating operations shall meet one of the following requirements:
 - a. The VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. The initial boiling point is at least 190 degrees C (374 degrees F); or
 - c. The total VOC vapor pressure is 45 mm hg or less at 20 degrees C (68 degrees F); or
 - d. The aerospace component is cleaned in an enclosed cleaning material container which is only opened when accessing parts or adding surface cleaning materials. (Rule 67.18)
25. VOC-containing materials used to clean equipment used in marine coating operations shall meet one of the following requirements:
 - a. the VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
 - b. the initial boiling point is at least 190°C (374°F); or
 - c. the total VOC vapor pressure is 20 mm Hg or less at 20°C (68°F); or
 - d. the cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - e. the application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - f. a system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - g. a device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.18)
26. All aerospace coatings used in this operation shall comply with the VOC and Organic HAP content limits of 40 CFR 63 Subpart GG (Aerospace Coating) and with the VOC content limits of 67.9(d)(1), except as provided in 40 CFR 63 Subpart GG 63.741 and Rule 67.9(b)(1). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
27. Aerospace stripping materials shall meet one of the following requirements:
 - a. The VOC content does not exceed 400 grams per liter; or
 - b. The total VOC vapor pressure shall be 9.5 mm hg or less at 20 c (68 F) (Rule 67.9)



COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131-1649
PHONE (858) 586-2600 Fax (858) 586-2601
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28. Permittee shall not use more than 50 gallons or 365 pounds of organic HAP containing chemical strippers per military aircraft depainted for spot stripping and decal removal. (40 CFR 63 Subpart GG)
29. Surface preparation for aerospace coating operations shall meet one of the following requirements:
 - a. The total voc vapor pressure is 45 mm hg or less at 20 degrees C (68 degrees F); or
 - b. The aerospace component is cleaned in an enclosed cleaning material container which is only opened when accessing parts or adding surface cleaning materials. (Rule 67.9, 40 CFR 63 Subpart GG)
30. VOC-containing materials used to clean application equipment for aerospace coating operations shall meet one or more of the following requirements:
 - a. The cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - b. The application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - c. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - d. A device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.9 and 40 CFR 63 Subpart GG)
31. Except as provided in Rule 67.20.1(b)(1) and (b)(3), all automotive coatings used in this operation shall comply with the VOC content limits of 67.20.1(d)(1). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
34. When conducting any operations subject to Motor Vehicle and Mobile Equipment Coating Rule 67.20.1, permittee shall not use any material for surface preparation or any other surface cleaning unless its VOC content is 25 grams or less per liter of material (0.21 lbs/gal), as applied. This VOC content limitation shall not apply to any cleaning material used for the removal of dust, wax, grease, tar, or bugs provided that:
 - a. the VOC content of cleaning material does not exceed 780 grams per liter (6.5 lbs/gal), and
 - b. the cleaning material is applied by non-aerosol, hand-held spray container, and
 - c. not more than 20 gallons per calendar year of such cleaning material are used at the stationary source. (Rule 67.20.1)
35. Any cleaning of coating application equipment, used in operations subject to Motor Vehicle and Mobile Equipment Coating Rule 67.20.1, shall comply with one of the following requirements:
 - a. the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings; and the application equipment or equipment parts shall be cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning material is being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - b. the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings; and a system that totally encloses the component parts being cleaned during the washing, rinsing, and draining process shall be used; or
 - c. the cleaning material shall not contain any exempt compounds and the VOC content of the cleaning material shall not exceed 25 grams per liter (0.21 lbs/gal), as applied; and the cleaning material shall be flushed or rinsed through the application equipment, including paint lines, without exposure to air, into a container which has in place a lid that completely covers the container and has no visible holes, breaks or openings. (Rule 67.20.1)
36. Except as provided in Rule 67.11(b)(1) and (b)(3), all wood coatings used in this operation shall comply with the VOC content limits of 67.11(d)(2) and (d)(3). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.



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- 37. Except as otherwise provided for in section (b), this operation shall comply with all applicable requirements in Wood Coating Rule 67.11, including the VOC limits under subsections (d)(2) and (3). (Rule 67.11)
- 38. All VOC- containing materials used for stripping wood coating operations shall comply with one of the following requirements:
 - a. Material shall contain 200 grams or less of VOC per liter of material; or
 - b. Material shall have a total VOC vapor pressure of 2 mm Hg or less, at 20°C (68°F). (Rule 67.11)
- 39. All VOC-containing materials used for wood coating surface preparation shall contain 25 grams or less of VOC per liter of material. (Rule 67.11)
- 40. All VOC-containing materials used for the cleaning of wood coating application equipment shall comply with one of the following requirements:
 - a. The cleaning material shall contain 25 grams or less of VOC per liter of material; or
 - b. The cleaning material shall be flushed or rinsed through the application equipment in a contained manner that minimizes evaporation into the atmosphere; or
 - c. The application equipment or equipment parts shall be cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning material is being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - d. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes shall be used. (Rule 67.11)
- 41. A person shall not use spray application equipment or any other means to dispose of waste coatings, coating components, surface preparation materials, or cleaning materials into the air or into filter media, except when momentarily purging coating material from a spray applicator cap immediately before or after applying the coating material. (Rules 21 and 20.3)
- 42. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

- 1. All materials containing toxic air contaminants (TACs) shall only be applied in the booth specified above, where the exhaust fans and exhaust filters are installed and operating properly. (Rule 1200)
- 32. The permittee shall not use lead pigmented coatings in any motor vehicle or mobile equipment refinishing operation.
- 33. The permittee shall not use or possess hexavalent chromium (chromium VI) or cadmium pigmented coatings in any motor vehicle or mobile equipment refinishing operation. [Title 17 CCR, Section 93112 - Hexavalent chromium and Cadmium Air Toxic Control Measure - Motor Vehicle and Mobile Refinishing Coatings.]
- 43. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
- 44. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2003-PTO-890120


Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

AEROSPACE APPLICATION STATION: A 108" X 24" WORK BENCH WITH EXHAUST FAN AND ROOM WITH EXHAUST;
 MANUAL APPLICATION AND USING AN APPLICATOR GUN BLDG 379

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [27D] Surface Coating Station
 BEC: 12463

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Permittee shall use only Rule 67.9 and NESHAP GG compliant aerospace materials and hand application methods such as sealant gun and brushes.
2. The permittee shall conduct all handling and transfer of VOC-containing materials and HAP-containing waste to and from containers, tanks, vats, drums, and piping system in a manner to minimize spills. (40 CFR 63 Subpart GG)
3. All containers, tanks, vats, drums, and piping systems used to store VOC-containing materials and HAP-containing waste shall be maintained free of cracks, holes, and other defects and remain closed unless materials are being added to or removed from them. All materials containing volatile organic compounds shall be stored in such containers. (40 CFR 63 Subpart GG, Rule 67.17)
4. On a semiannual basis, the permittee shall report to the District and EPA any instances where primers or topcoats used on aerospace parts exceeded the applicable Rule 67.9 VOC limits.
5. On a semi-annual basis, the Permittee shall report to the District and EPA any instance where a non-compliant cleaning solvent is used for a non-exempt hand wipe cleaning related to aerospace operations. In addition, the Permittee shall report a list of any new cleaning solvents used for hand-wipe cleaning used in aerospace operations and provide information on the composite vapor pressure of the new solvent. [Rule 67.9, 40 CFR 63 Subpart GG]



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6. If requested by the District or EPA, the test methods listed in Rules 67.9 shall be used to determine compliance with the applicable standards of Rule 67.9.
7. At no time shall the subject equipment cause or contribute to a nuisance as specified in District Rule 51. If compliance with Rule 51 cannot be demonstrated to the satisfaction of the District, the applicant will take whatever corrective action necessary to meet applicable requirements. If corrective action requires any physical change or modification to the subject equipment, the applicant shall apply for and obtain an Authority to Construct for all such modifications. (Rule 51)
8. All aerospace coatings used in this operation shall comply with the VOC and Organic HAP content limits of 40 CFR 63 Subpart GG (Aerospace Coating) and with the VOC content limits of 67.9(d)(1), except as provided in 40 CFR 63 Subpart GG 63.741 and Rule 67.9(b)(1). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
9. Aerospace stripping materials shall meet one of the following requirements:
 - a. The VOC content does not exceed 400 grams per liter; or
 - b. The total VOC vapor pressure shall be 9.5 mm hg or less at 20 c (68 F) (Rule 67.9)
10. Permittee shall not use more than 50 gallons or 365 pounds of organic HAP containing chemical strippers per military aircraft depainted for spot stripping and decal removal. (40 CFR 63 Subpart GG)
11. Surface preparation for aerospace coating operations shall meet one of the following requirements:
 - a. The total voc vapor pressure is 45 mm hg or less at 20 degrees C (68 degrees F); or
 - b. The aerospace component is cleaned in an enclosed cleaning material container which is only opened when accessing parts or adding surface cleaning materials. (Rule 67.9, 40 CFR 63 Subpart GG)
12. VOC-containing materials used to clean application equipment for aerospace coating operations shall meet one or more of the following requirements:
 - a. The cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - b. The application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - c. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - d. A device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.9 and 40 CFR 63 Subpart GG)



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13. Permittee shall maintain the following records in accordance with Rule 67.9 for aerospace coating operations. These records shall be maintained on site for at least five (5) years and shall be made readily available to the District upon request:
 - a. Current list of all VOC-containing materials in use, including but not limited to all coatings, coating component for multi-component coatings (such as bases, catalysts, thinners or reducers, when supplied in separate containers), and materials used for surface preparation, equipment cleaning, and stripping. This list shall include the following information:
 1. material name, manufacturer and manufacturer identification;
 2. current documentation to demonstrate applicability of any coating category pursuant to Rule 67.9;
 3. mix ratio, when applicable;
 - b. For coatings, other than low-solids coatings, the VOC content expressed in grams per liter (or lbs/gal), as applied, less water and exempt compounds; and mix ratio of components, if applicable;
 - c. For surface preparation, cleaning and stripping materials or for low-solids coatings, the VOC content expressed in grams per liter (or lbs/gal) of material, as used;
 - d. Vapor pressure and/or boiling point of materials used for surface preparation, equipment cleaning, and stripping, when necessary, to demonstrate compliance with Rule 67.9 and NESHAP GG;
 - e. Current manufacturer specification sheets, material safety data sheets (MSDS), product data sheets, or technical bulletins for all materials in use, which shall list all components within each VOC-containing material in use. The manufacturer specification sheets, material safety data sheets, product data sheets, or technical bulletins shall also include: the VOC content (actual and regulatory), toxic air contaminant (TAC) content weight or weight percentage, and material density (weight per volume) or material specific gravity (material density relative to the density of water) for all materials in use;
 - f. Daily or monthly usage of materials containing VOCs;
 - g. Monthly inventory, purchasing or dispensing records of the amount of each stripping, surface preparation and cleaning material used;
 - h. Records of the dates and amounts of material added to coating dip tanks, when applicable;
 - i. if applicable, records of actual and maximum oven drying temperatures.
 - j. If claiming an exemption from a VOC content requirement of 67.9 or 40 CFR 63 Subpart GG, the applicable exemption and records such as quantity used to substantiate the exemption. (Rules 67.9 and 40 CFR 63 Subpart GG)
14. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

15. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
16. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2003-PTO-940811


Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

AEROSPACE COATING APPLICATION STATION, CONSISTING OF: OPERATION CONDUCTED INSIDE A BUILDING, EQUIPPED WITH AIR DRYING, STEAM-HEATED OVEN, 13' X 20' X 16.5', A SEALANT GUN AND SPATULA TO APPLY ADHESIVES AND SEALANTS (BLDG 250)

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [27J] Surface Coating Station

BEC: 0709W

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Total emissions of Volatile Organic Compounds (VOC) from this equipment shall not exceed 100 pounds per year. [NSR]
2. Permittee shall use only Rule 67.9 and NESHAP GG compliant aerospace materials and hand application methods such as sealant gun and brushes.
3. The permittee shall conduct all handling and transfer of VOC-containing materials and HAP-containing waste to and from containers, tanks, vats, drums, and piping system in a manner to minimize spills. (40 CFR 63 Subpart GG)
4. All containers, tanks, vats, drums, and piping systems used to store VOC-containing materials and HAP-containing waste shall be maintained free of cracks, holes, and other defects and remain closed unless materials are being added to or removed from them. All materials containing volatile organic compounds shall be stored in such containers. (40 CFR 63 Subpart GG, Rule 67.17)
5. On a semiannual basis, the permittee shall report to the District and EPA any instances where primers or topcoats used on aerospace parts exceeded the applicable Rule 67.9 VOC limits.



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6. On a semi-annual basis, the Permittee shall report to the District and EPA any instance where a non-compliant cleaning solvent is used for a non-exempt hand wipe cleaning related to aerospace operations. In addition, the Permittee shall report a list of any new cleaning solvents used for hand-wipe cleaning used in aerospace operations and provide information on the composite vapor pressure of the new solvent. [Rule 67.9, 40 CFR 63 Subpart GG]
7. If requested by the District or EPA, the test methods listed in Rules 67.9 shall be used to determine compliance with the applicable standards of Rule 67.9.
8. At no time shall the subject equipment cause or contribute to a nuisance as specified in District Rule 51. If compliance with Rule 51 cannot be demonstrated to the satisfaction of the District, the applicant will take whatever corrective action necessary to meet applicable requirements. If corrective action requires any physical change or modification to the subject equipment, the applicant shall apply for and obtain an Authority to Construct for all such modifications. (Rule 51)
9. All aerospace coatings used in this operation shall comply with the VOC and Organic HAP content limits of 40 CFR 63 Subpart GG (Aerospace Coating) and with the VOC content limits of 67.9(d)(1), except as provided in 40 CFR 63 Subpart GG 63.741 and Rule 67.9(b)(1). If claiming an exemption from these limits, the permittee shall maintain records necessary to substantiate applicability of the exemption.
10. Aerospace stripping materials shall meet one of the following requirements:
 - a. The VOC content does not exceed 400 grams per liter; or
 - b. The total VOC vapor pressure shall be 9.5 mm hg or less at 20 c (68 F) (Rule 67.9)
11. Permittee shall not use more than 50 gallons or 365 pounds of organic HAP containing chemical strippers per military aircraft depainted for spot stripping and decal removal. (40 CFR 63 Subpart GG)
12. Surface preparation for aerospace coating operations shall meet one of the following requirements:
 - a. The total voc vapor pressure is 45 mm hg or less at 20 degrees C (68 degrees F); or
 - b. The aerospace component is cleaned in an enclosed cleaning material container which is only opened when accessing parts or adding surface cleaning materials. (Rule 67.9, 40 CFR 63 Subpart GG)
13. VOC-containing materials used to clean application equipment for aerospace coating operations shall meet one or more of the following requirements:
 - a. The cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
 - b. The application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials are being added, provided the cleaned equipment or equipment parts are drained to the container until dripping ceases; or
 - c. A system that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes; or
 - d. A device, approved prior to use by the Air Pollution Control Officer, which has been demonstrated to be as effective as any of the equipment described above in minimizing VOC emissions to the atmosphere. (Rule 67.9 and 40 CFR 63 Subpart GG)



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14. Permittee shall maintain the following records in accordance with Rule 67.9 for aerospace coating operations. These records shall be maintained on site for at least five (5) years and shall be made readily available to the District upon request:
 - a. Current list of all VOC-containing materials in use, including but not limited to all coatings, coating component for multi-component coatings (such as bases, catalysts, thinners or reducers, when supplied in separate containers), and materials used for surface preparation, equipment cleaning, and stripping. This list shall include the following information:
 1. material name, manufacturer and manufacturer identification;
 2. current documentation to demonstrate applicability of any coating category pursuant to Rule 67.9;
 3. mix ratio, when applicable;
 - b. For coatings, other than low-solids coatings, the VOC content expressed in grams per liter (or lbs/gal), as applied, less water and exempt compounds; and mix ratio of components, if applicable;
 - c. For surface preparation, cleaning and stripping materials or for low-solids coatings, the VOC content expressed in grams per liter (or lbs/gal) of material, as used;
 - d. Vapor pressure and/or boiling point of materials used for surface preparation, equipment cleaning, and stripping, when necessary, to demonstrate compliance with Rule 67.9 and NESHAP GG;
 - e. Current manufacturer specification sheets, material safety data sheets (MSDS), product data sheets, or technical bulletins for all materials in use, which shall list all components within each VOC-containing material in use. The manufacturer specification sheets, material safety data sheets, product data sheets, or technical bulletins shall also include: the VOC content (actual and regulatory), toxic air contaminant (TAC) content weight or weight percentage, and material density (weight per volume) or material specific gravity (material density relative to the density of water) for all materials in use;
 - f. Daily or monthly usage of materials containing VOCs;
 - g. Monthly inventory, purchasing or dispensing records of the amount of each stripping, surface preparation and cleaning material used;
 - h. Records of the dates and amounts of material added to coating dip tanks, when applicable;
 - i. if applicable, records of actual and maximum oven drying temperatures.
 - j. If claiming an exemption from a VOC content requirement of 67.9 or 40 CFR 63 Subpart GG, the applicable exemption and records such as quantity used to substantiate the exemption. (Rules 67.9 and 40 CFR 63 Subpart GG)
15. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

16. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
17. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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Site ID: APCD1978-SITE-02756
App ID: APCD2010-APP-000997

PERMIT ID

APCD2011-PTO-000943


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 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Sanding Booth. Booth Manufacturer Spray Systems Inc., model PB-887-R located at Bldg. 342. Size 18' long, 7.5' wide, 7.75' high; controlled by two stage cartridge and HEPA filter system; filter system S/N SO-23903B; various shop machines including sanders and grinders.

Functional Group: Aircraft Repairs/Overhaul.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [36A] Grinding Booth or Room

BEC: APCD2011-CON-000371

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Air pollution control equipment shall be maintained in good operating condition and shall be in full operation in accordance with manufacturer's instructions at all times when the process equipment is in operation. The manufacturer's instructions shall be maintained on site and made available to the District upon request. (Rule 21, 1200, 1421)
2. All grinding and sanding conducted in Building 342 must occur in a booth located within this building. This condition does not limit grinding and sanding outside of a booth in other locations. Sanding and grinding outside booth must comply with all District Regulations. (Rule 21, 1200, 1421)
3. All equipment inspection and maintenance shall be recorded at the time of inspection or maintenance. The log shall be made available to the District upon request. (Rule 21, 1200, 1421)
4. A differential pressure gauge shall be maintained across the filter media to indicate filter condition. The filter gauge reading during equipment operation shall be entered in the inspection/maintenance log on each day the equipment is in use. Differential pressure reading shall be between 0.5" and 5". [Rule 52]



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6. Dust spills shall be vacuumed up before the end of the work shift using a vacuum hose attachment to one of the subject dust collectors, or a portable vacuum with a HEPA filter. The filter system shall remain turned on while dust is being vacuumed. All dust collected shall be stored in closed containers. (Rule 21, 1200, 1421)
7. All required records for this operation shall be maintained on site for at least three (3) years and shall be made available to the District upon request. (Rule 21, 1200, 1421)
8. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

5. Filters, screens and other wastes containing dust shall be stored in sealed containers pending disposal. There shall be no open disposal of wastes containing dust. (Rule 1200)
9. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
10. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131-1649
PHONE (858) 586-2600 Fax (858) 586-2601
www.sdapcd.org

PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD2011-APP-000996

PERMIT ID

APCD2011-PTO-000944


Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Sanding Booth. Booth Manufacturer Spray Systems Inc., model PB-887-R located at Bldg. 342. Size 18' long, 7.5' wide, 7.75' high; controlled by two stage cartridge and HEPA filter system; filter system S/N SO-23903A; various shop machines including sanders and grinders.

Functional Group: Aircraft Repairs/Overhaul.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [36A] Grinding Booth or Room

BEC: APCD2011-CON-000371

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Air pollution control equipment shall be maintained in good operating condition and shall be in full operation in accordance with manufacturer's instructions at all times when the process equipment is in operation. The manufacturer's instructions shall be maintained on site and made available to the District upon request. (Rule 21, 1200, 1421)
2. All grinding and sanding conducted in Building 342 must occur in a booth located within this building. This condition does not limit grinding and sanding outside of a booth in other locations. Sanding and grinding outside booth must comply with all District Regulations. (Rule 21, 1200, 1421)
3. All equipment inspection and maintenance shall be recorded at the time of inspection or maintenance. The log shall be made available to the District upon request. (Rule 21, 1200, 1421)
4. A differential pressure gauge shall be maintained across the filter media to indicate filter condition. The filter gauge reading during equipment operation shall be entered in the inspection/maintenance log on each day the equipment is in use. Differential pressure reading shall be between 0.5" and 5". [Rule 52]



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6. Dust spills shall be vacuumed up before the end of the work shift using a vacuum hose attachment to one of the subject dust collectors, or a portable vacuum with a HEPA filter. The filter system shall remain turned on while dust is being vacuumed. All dust collected shall be stored in closed containers. (Rule 21, 1200, 1421)
7. All required records for this operation shall be maintained on site for at least three (3) years and shall be made available to the District upon request. (Rule 21, 1200, 1421)
8. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

5. Filters, screens and other wastes containing dust shall be stored in sealed containers pending disposal. There shall be no open disposal of wastes containing dust. (Rule 1200)
9. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
10. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD2017-APP-003828

PERMIT ID

APCD2017-PTO-002799

Fleet Readiness Center Southwest / Co
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 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

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The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

One open faced grinding / sanding booth. Manufacturer: Aerospace Facility Group Inc. with exterior dimensions 12' X 11' X 15' high. Booth is controlled by a two stage filter system with the first stage rated at 99.8% control at 0.5 microns and the second stage using HEPA filters rated at 99.97% control at 0.3 microns. Equipped with a differential pressure gauge across the first stage filters and operating with various hand held sanders and grinders.

Functional Group: Aircraft Repairs/Overhaul.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [36A] Grinding Booth or Room

BEC: APCD2017-CON-001306

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Air pollution control equipment shall be maintained in good operating condition and shall be in full operation in accordance with the manufacturer's instructions at all times when the process equipment is in operation. (Rule 21, 1200, 1421)
2. All process and storage equipment with air pollution control equipment shall be maintained and operated so that there is no leakage (0% opacity during operation and free of accumulated dust when not in operation) of air contaminants to the atmosphere prior to their treatment in the air pollution control system. (Rule 21, 1200, 1421)
3. All grinding and sanding operations shall be conducted within the authorized booth. (Rule 21, 1200, 1421)
4. All equipment inspection and maintenance shall be recorded at the time of inspection or maintenance. The log shall be made available to the District upon request. (Rule 21, 1200, 1421)



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Site ID: APCD1978-SITE-02756
App ID: APCD2017-APP-003828

PERMIT ID

APCD2017-PTO-002799



5. A differential pressure gauge shall be maintained to measure pressure drop across the 1st stage filter media. The filter gauge reading during equipment operation shall be recorded each day the equipment is in use. Differential pressure shall be between 2.0" and 5.5" of water column. [Rule 52]
7. All required records for this operation shall be maintained on site for at least three (3) years and shall be made available to the District upon request. (Rule 21, 1200, 1421)
8. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

6. Filters, screens and other wastes containing dust shall be stored in sealed containers pending disposal. There shall be no open disposal of wastes containing dust. (Rule 1200)
9. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
10. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) (Rule 1210)



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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD2003-APP-980141

PERMIT ID

APCD2007-PTO-006954


Fleet Readiness Center Southwest / Co
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 P.O. Box 357058, Code KN61 , Bldg 90-
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EQUIPMENT ADDRESS

Fleet Readiness Center
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 NAS North Island
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PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

GRINDING BENCH: TORIT MODEL DDHV-45 DOWNDRAFT, VENTED TO BAGHOUSE AT 4800 CFM WITH FILTER AREA OF 242 SQ FT (APPL #14260) BLDG 472 0881 NO APP REVISION DATE 6-1-02 (980141 ALC 03/05)

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [36A] Grinding Booth or Room
 BEC: 13107

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Air pollution control equipment shall be maintained in good operating condition in accordance with manufacturer's instructions so that there is no leakage of air contaminants to the atmosphere prior to their treatment in the air pollution control system. The control equipment shall be in full operation at all times when the process equipment is in operation. (Rule 21, 1200, 1421)
2. Debris from sanding and grinding operations which are not entrained in the filter system shall be removed with a vacuum cleaner or swept at the completion of work. Debris shall not remain overnight in the booth. (Rule 21, 1200, 1421)
3. The removal and cleaning of the filters and screens, and the disposal of the dust, shall be done in a careful manner to minimize dust emissions to the atmosphere. (Rule 21, 1200, 1421)
4. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

5. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.



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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD2003-APP-980141

PERMIT ID

APCD2007-PTO-006954



6. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: N/A

PERMIT ID

APCD2007-PTO-006955


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EQUIPMENT ADDRESS

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PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

GRINDING BENCH: TORIT MODEL DDHV-45 DOWNDRAFT, VENTED TO BAGHOUSE AT 4800 CFM WITH FILTER AREA OF 242 SQ FT (APPL #14261) BLDG 472 (980141 ALC 03/05)

Functional Group: Aircraft Repairs/Overhaul.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [36A] Grinding Booth or Room

BEC: 13107

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Air pollution control equipment shall be maintained in good operating condition in accordance with manufacturer's instructions so that there is no leakage of air contaminants to the atmosphere prior to their treatment in the air pollution control system. The control equipment shall be in full operation at all times when the process equipment is in operation. (Rule 21, 1200, 1421)
2. Debris from sanding and grinding operations which are not entrained in the filter system shall be removed with a vacuum cleaner or swept at the completion of work. Debris shall not remain overnight in the booth. (Rule 21, 1200, 1421)
3. The removal and cleaning of the filters and screens, and the disposal of the dust, shall be done in a careful manner to minimize dust emissions to the atmosphere. (Rule 21, 1200, 1421)
4. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]



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PORTABLE

Site ID: APCD1978-SITE-02756

App ID: N/A

PERMIT ID

APCD2007-PTO-006955



B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

5. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
6. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD1982-APP-020874

PERMIT ID

APCD2007-PTO-020874


Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

GRINDING BOOTH, FIBERGLASS: VENTILATION BOOTH NO.518.5"W X 84"D X 87"H12,000 CFM WITH THREE (3) TORIT CO. MODULAR DUST CONTROL SYSTEMS, EACH WITH 6-12 3/4" DIA. X 26" LONG HIGH EFFICIENCY FILTER ELEMENTS AND REVERSE AIR PULSE JET CLEANING SYSTEM AND 2.6 CU FT DUST STORAGE BINS (BLDG 460);DONALSON ULTRA FILTER SYSTEM WITH # CR350 FILTERS.APPL# 975178 EFH 09/04 (980141 ALC 03/05)

Functional Group: Aircraft Repairs/Overhaul.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [36A] Grinding Booth or Room

BEC: 13107

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Air pollution control equipment shall be maintained in good operating condition in accordance with manufacturer's instructions so that there is no leakage of air contaminants to the atmosphere prior to their treatment in the air pollution control system. The control equipment shall be in full operation at all times when the process equipment is in operation. (Rule 21, 1200, 1421)
2. Debris from sanding and grinding operations which are not entrained in the filter system shall be removed with a vacuum cleaner or swept at the completion of work. Debris shall not remain overnight in the booth. (Rule 21, 1200, 1421)
3. The removal and cleaning of the filters and screens, and the disposal of the dust, shall be done in a careful manner to minimize dust emissions to the atmosphere. (Rule 21, 1200, 1421)
4. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]



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Site ID: APCD1978-SITE-02756
App ID: APCD1982-APP-020874

PERMIT ID

APCD2007-PTO-020874



B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

5. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
6. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD1987-APP-861018

PERMIT ID

APCD2007-PTO-861018


Fleet Readiness Center Southwest / Co
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EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

GRINDING BOOTH (10.1' X 11.1' X 8'H), TORIT ENVIRONMENTAL MODEL ECB 003, WITH FILTER CARTRIDGES, BLDG 250, PEMA #019933; DONALDSON ULTRA FILTER SYSTEM WITH #CR350 FILTERS (OR EQUIVALENT FILTERS) RATED AT 99.999 PERCENT EFFICIENCY AT 0.1-0.2 MICRONS. 975182AFS18JUL2002(980141 ALC 03/05)

Functional Group: Aircraft Repairs/Overhaul.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [36A] Grinding Booth or Room

BEC: 13107

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Air pollution control equipment shall be maintained in good operating condition in accordance with manufacturer's instructions so that there is no leakage of air contaminants to the atmosphere prior to their treatment in the air pollution control system. The control equipment shall be in full operation at all times when the process equipment is in operation. (Rule 21, 1200, 1421)
2. Debris from sanding and grinding operations which are not entrained in the filter system shall be removed with a vacuum cleaner or swept at the completion of work. Debris shall not remain overnight in the booth. (Rule 21, 1200, 1421)
3. The removal and cleaning of the filters and screens, and the disposal of the dust, shall be done in a careful manner to minimize dust emissions to the atmosphere. (Rule 21, 1200, 1421)
4. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]



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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD1987-APP-861018

PERMIT ID

APCD2007-PTO-861018



B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

5. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
6. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD1988-APP-870798

PERMIT ID

APCD2007-PTO-870798


Fleet Readiness Center Southwest / Co
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EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
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 San Diego CA 92135-7058

PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

TORIT ENVIRONMENTAL CONTROL GRINDING BOOTH, MODEL ECB-5261 INCHES WIDE X 84 INCHES DEEP X 90 INCHES HIGH ; WITH FIVE BACK PANEL MODULES EACH CONTAINING A CARTRIDGE FILTRATION SYSTEM OF TWO CARTRIDGE FILTERS AND BLOWER. BLDG 250; DONALDSON ULTRA FILTER SYSTEM WITH CR350 FILTERS. APPL# 975180 EFH 09/04 (980141 ALC 03/05)

Functional Group: Aircraft Repairs/Overhaul.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [36A] Grinding Booth or Room

BEC: 13107

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Air pollution control equipment shall be maintained in good operating condition in accordance with manufacturer's instructions so that there is no leakage of air contaminants to the atmosphere prior to their treatment in the air pollution control system. The control equipment shall be in full operation at all times when the process equipment is in operation. (Rule 21, 1200, 1421)
2. Debris from sanding and grinding operations which are not entrained in the filter system shall be removed with a vacuum cleaner or swept at the completion of work. Debris shall not remain overnight in the booth. (Rule 21, 1200, 1421)
3. The removal and cleaning of the filters and screens, and the disposal of the dust, shall be done in a careful manner to minimize dust emissions to the atmosphere. (Rule 21, 1200, 1421)
4. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]



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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD1988-APP-870798

PERMIT ID

APCD2007-PTO-870798



B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

5. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
6. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD2001-APP-976578

PERMIT ID

APCD2007-PTO-920319


Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
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 San Diego CA, 92135-7058

EQUIPMENT ADDRESS
 Fleet Readiness Center
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 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

FIBERGLASS GRINDING BOOTH, TORIT MODEL ECB-3,(129"X84'X87"H) WITH 3 FILTER MODULES EACH CONTAINING 6 TORIT ULTRAWEB OR EQUIVALENT FILTER CARTRIDGES AND A BLOWER WITH AN AUTOMATIC REVERSE PULSE CLEANING SYSTEM. (BLDG 250); DONALDSON ULTRA FILTER SYSTEM WITH # CR350 FILTERS. APPL# 975181 EFH 09/04 (980141 ALC 03/05)

Functional Group: Aircraft Repairs/Overhaul.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [36A] Grinding Booth or Room
 BEC: 13097

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Air pollution control equipment shall be maintained in good operating condition and shall be in full operation in accordance with manufacturer's instructions at all times when the process equipment is in operation. The manufacturer's instructions shall be maintained on site and made available to the District upon request. (Rule 21, 1200, 1421)
2. The floor of the booth and surrounding area shall be vacuumed or swept each day of operation. The cleaning shall be recorded. Records shall be available upon request. (Rule 21, 1200, 1421)
3. Air ducts and the air pollution control device shall be inspected, cleaned and repaired no less frequently than on 6 month intervals. The date that equipment is inspected, cleaned or repaired shall be recorded and such records shall be made available to the District upon request. (Rule 21, 1200, 1421)
4. Visibly worn filters shall be replaced. If damaged filters are found, then more frequent inspection and filter replacement shall be accomplished. (Rule 21, 1200, 1421)



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Site ID: APCD1978-SITE-02756
App ID: APCD2001-APP-976578

PERMIT ID

APCD2007-PTO-920319



5. The differential pressure gauge installed across the torit filter cartridges shall be maintained operational at all times when the equipment is in operation. The gauge reading shall be recorded during each day of equipment use. Differential pressure across the cartridge filters shall be maintained between 0.5 and 5.0 inches of water. [Rule 52]
8. All records required by this permit shall be kept for a minimum of three years and made available to District personnel upon request. (Rule 21, 1200, 1421)
9. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

6. No more than 10,000 square feet of material containing Chrome VI shall be processed in this grinding booth during any calendar year. Records of material processed shall be maintained. Records shall include a cumulative total for the year. [Rule 1200]
7. The exhaust air from the booth shall have no visible dust emissions. All dust and toxic substances collected for disposal shall be stored in a sealed container pending disposal. There shall be no open disposal of dust, or materials containing toxic substances. [Rule 1200]
10. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
11. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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App ID: APCD2001-APP-976579

PERMIT ID

APCD2007-PTO-920320


Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

FIBERGLASS GRINDING BOOTH, TORIT MODEL ECB-3,(126" X 84" X 87") WITH 3 FILTER MODULES EACH CONTAINING 6 TORIT ULTRAWEB OR EQUIVALENT FILTER CARTRIDGES AND A BLOWER WITH AN AUTOMATIC REVERSE PULSE CLEANING SYSTEM. (BLDG 250); DONALDSON ULTRA FILTER SYSTEM WITH # CR350 FILTERS. APPL# 975179 EFH 09/04 (980141 ALC 03/05)

Functional Group: Aircraft Repairs/Overhaul.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [36A] Grinding Booth or Room

BEC: 13097

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Air pollution control equipment shall be maintained in good operating condition and shall be in full operation in accordance with manufacturer's instructions at all times when the process equipment is in operation. The manufacturer's instructions shall be maintained on site and made available to the District upon request. (Rule 21, 1200, 1421)
2. The floor of the booth and surrounding area shall be vacuumed or swept each day of operation. The cleaning shall be recorded. Records shall be available upon request. (Rule 21, 1200, 1421)
3. Air ducts and the air pollution control device shall be inspected, cleaned and repaired no less frequently than on 6 month intervals. The date that equipment is inspected, cleaned or repaired shall be recorded and such records shall be made available to the District upon request. (Rule 21, 1200, 1421)
4. Visibly worn filters shall be replaced. If damaged filters are found, then more frequent inspection and filter replacement shall be accomplished. (Rule 21, 1200, 1421)



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Site ID: APCD1978-SITE-02756
App ID: APCD2001-APP-976579

PERMIT ID

APCD2007-PTO-920320



- 5. The differential pressure gauge installed across the torit filter cartridges shall be maintained operational at all times when the equipment is in operation. The gauge reading shall be recorded during each day of equipment use. Differential pressure across the cartridge filters shall be maintained between 0.5 and 5.0 inches of water. [Rule 52]
- 8. All records required by this permit shall be kept for a minimum of three years and made available to District personnel upon request. (Rule 21, 1200, 1421)
- 9. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

- 6. No more than 10,000 square feet of material containing Chrome VI shall be processed in this grinding booth during any calendar year. Records of material processed shall be maintained. Records shall include a cumulative total for the year. [Rule 1200]
- 7. The exhaust air from the booth shall have no visible dust emissions. All dust and toxic substances collected for disposal shall be stored in a sealed container pending disposal. There shall be no open disposal of dust, or materials containing toxic substances. [Rule 1200]
- 10. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
- 11. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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Site ID: APCD1978-SITE-02756
App ID: APCD2000-APP-975177

PERMIT ID

APCD2007-PTO-921344


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EQUIPMENT ADDRESS

Fleet Readiness Center
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PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

A FIBERGLASS MACHINING FACILITY: VARIOUS MACHINE TOOLS; WORK STATION/BOOTH, DONALDSON COMPANY, INC, TORIT (122" X 225" X 90" H), MODEL ECB-5, WITH 30 FILTER CARTRIDGES, AND WITH AN AUTOMATIC REVERSE PULSE FILTER CLEANING SYSTEM. (BLDG 250); DONALSON ULTRA FILTER SYSTEM WITH #CR350 FILTERS. APPL# 975177 EFH 09/04 (980141 ALC 03/05)

Functional Group: Aircraft Repairs/Overhaul.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [36A] Grinding Booth or Room

BEC: 13101

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Air pollution control equipment shall be maintained in good operating condition and shall be in full operation in accordance with manufacturer's instructions at all times when the process equipment is in operation. (Rule 21, 1200, 1421)
2. The floor of the booth and surrounding area shall be vacuumed or swept each day of operation. The cleaning shall be recorded. Records shall be available upon request. (Rule 21, 1200, 1421)
3. This equipment shall not be used unless the filters are installed and sealed to prevent contaminated air from bypassing the filters. (Rule 21, 1200, 1421)



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Site ID: APCD1978-SITE-02756
App ID: APCD2000-APP-975177

PERMIT ID

APCD2007-PTO-921344



4. The Air Pollution Control System and all process equipment including gathering devices such as hoods, cabinets, scoops and duct work shall be positioned, operated, and maintained so that there is no leakage of Air Contaminants to the atmosphere prior to their treatment in the Air Pollution Control System. Air Pollution Control Equipment shall be maintained in good operating condition and shall be in full operation in accordance with manufacturer's instructions at all times when the process equipment is in operation. (Rule 21, 1200, 1421)
5. Air ducts and the air pollution control device shall be inspected, cleaned and repaired no less frequently than on 6 month intervals. The date that equipment is inspected, cleaned or repaired shall be recorded and such records shall be made available to the District upon request. (Rule 21, 1200, 1421)
6. Visibly worn filters shall be replaced. If damaged filters are found, then more frequent inspection and filter replacement shall be accomplished. (Rule 21, 1200, 1421)
7. The differential pressure gauge installed across the torit filter cartridges shall be maintained operational at all times when the equipment is in operation. The gauge reading shall be recorded during each day of equipment use. Differential pressure across the cartridge filters shall be maintained between 0.5 and 5.0 inches of water. (Rule 52)
8. All required records for this operation shall be maintained on-site for at least three (3) years and shall be made available to the District upon request. (Rule 21, 1200, 1421)
9. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

10. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
11. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Air Toxics Hot Spots]



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Site ID: APCD1978-SITE-02756
App ID: N/A

PERMIT ID

APCD2007-PTO-970419


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EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
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PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

TORIT ENVIRONMENTAL CONTROL BOOTH MODEL ECB-004, 7.5'X15'X7.25', WITH FOUR FILTER MODULES EACH CONTAINING 6 CARTRIDGE FILTERS & HEPA AFTER FILTER, AND REVERSE PULSE FILTER CLEANING SYSTEM. LOCATED IN BUILDING 94.(980141 ALC 03/05)

Functional Group: Aircraft Repairs/Overhaul.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [36A] Grinding Booth or Room

BEC: 13098

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Air Pollution Control equipment shall be maintained in good operating condition in accordance with manufacturer's instructions so that there is no leakage of air contaminants to the atmosphere prior to their treatment in the Air Pollution Control System. The control equipment shall be in full operation at all times when the process equipment is in operation. Manufacturer's instructions and specifications pertaining to the operation and maintenance of this equipment shall be maintained on site and made available to the District upon request. (Rule 21, 1200, 1421)
2. Readings from the differential pressure gauge shall be recorded each day of equipment use. Equipment shall not be operated with a pressure gauge reading less than 1 or greater than 4 inches water gauge. [Rule 52]
3. Debris from sanding and grinding operations which are not entrained in the filter system shall be removed with a vacuum cleaner or swept at the completion of work. Debris shall not remain overnight in the booth. (Rule 21, 1200, 1421)
4. The removal and cleaning of the filters and screens, and the disposal of the dust, shall be done in a careful manner to minimize dust emissions to the atmosphere. (Rule 21, 1200, 1421)



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Site ID: APCD1978-SITE-02756

App ID: N/A

PERMIT ID

APCD2007-PTO-970419



5. All required records for this operation shall be maintained on-site for at least three (3) years and shall be made available to the District upon request. (Rule 21, 1200, 1421)
6. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

7. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
8. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD2023-APP-007954

PERMIT ID

APCD2006-PTO-975820


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 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center

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PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest P.O. Box 357058 BLDG 90-2, San Diego, CA 92135-7058

EQUIPMENT DESCRIPTION

OPEN FACE GRINDING BOOTH:
 FILTER 1, Make API Dustron, MODEL DB18SCV2-24-2, 8'L X 18'W X 8'H ,WITH Two (2) fans totaling 16,000-CFM EXHAUST;
 VENTED TO FILTER CARTRIDGE FILTERS AND eight (8) 24" x 24" x 12" HEPA safety after filters, MERV 17, 99.97%
 efficiency rating for 0.3 microns.

Functional Group: Aircraft Repairs/Overhaul.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [36A] Grinding Booth or Room

BEC: 13067

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. All process equipment shall be maintained and operated so that there is no leakage of air contaminants to the atmosphere prior to their treatment in the Air Pollution Control System. Dry particulate matter discharged from an opening such as a hole or slit in process equipment or ducting which falls immediately to surfaces below the hole or slit and does not remain airborne shall not be considered leakage. (Rule 21, 1200, 1421)
2. The equipment listed above shall be maintained and operated in accordance with the manufacturer's specifications or a site specific operation and maintenance plan. The manufacturer's specifications or site specific operation and maintenance plan shall be maintained on site and made available to the District. (Rule 21, 1200, 1421)
3. There shall be no holes or tears in either the filters or housing seals. All ripped or torn filters shall be replaced prior to further operation of the equipment. There shall be no visible emissions from the Dust Collector at any time. (Rule 21, 1200, 1421)



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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD2023-APP-007954

PERMIT ID

APCD2006-PTO-975820



4. A differential pressure gauge shall be installed across the filters and maintained in good working order at all times that the booth is used. The gauge reading shall be recorded in a Maintenance Log at the beginning of each day of equipment use. (Rule 52)
5. Both the differential pressure across the cartridge filters and the differential pressure across the HEPA Filters shall be maintained between 0.5 and 5.5 inches of water. (Rule 52)
6. The removal and cleaning of the filters and disposal of the dust shall be performed in a manner to minimize dust emissions to the atmosphere. Replacement and cleaning of the filters shall be recorded in the Maintenance Log. (Rule 21, 1200, 1421)
7. The removal and disposal of the filters and other wastes containing fiberglass dust shall be stored in sealed containers pending disposal. There shall be no open disposal of wastes containing fiberglass dust. (Rule 21, 1200, 1421)
8. The floor of the booth and surrounding area shall be vacuumed or swept each day of operation. The cleaning shall be recorded. Records shall be available upon request. (Rule 21, 1200, 1421)
9. All required records for this operation shall be maintained on-site for at least three (3) years and shall be made available to the District upon request. (Rule 21, 1200, 1421)
10. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

11. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
12. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD2007-PTO-976610

PERMIT ID

APCD2007-PTO-976610

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EQUIPMENT ADDRESS

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PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

FIBERGLASS GRINDING BOOTH, DUSTRON MODEL DB-12-18-15, 12' X 8' X 7.5 'H, W/A FILTER 1 DUST COLLECTOR SYSTEM CONTAINING EIGHTEEN (18) 12.75" X 30" LONGFILTER CARTRIDGES (4950 SQ.FT. TOTAL FILTER AREA) AND HEPA AFTER FILTERS AND A 15 HP (ELECTRIC) BLOWER WITH AN AUTOMATIC TIMED SELF-CLEANING SYSTEM. (BLDG 250)(980141 ALC 03/05)

Functional Group: Aircraft Repairs/Overhaul.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [36A] Grinding Booth or Room

BEC: 13105

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Air pollution control equipment shall be maintained in good operating condition and shall be in full operation in accordance with manufacturer's instructions at all times when the process equipment is in operation.(Rule 21, 1200, 1421)
2. The floor of the booth and surrounding area shall be vacuumed or swept each day of operation. The cleaning shall be recorded. Records shall be available upon request. (Rule 21, 1200, 1421)
3. This equipment shall not be used unless the filters are installed and sealed to prevent contaminated air from bypassing the filters. (Rule 21, 1200, 1421)



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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD2007-PTO-976610

PERMIT ID

APCD2007-PTO-976610


4. The Air Pollution Control System and all process equipment including gathering devices such as hoods, cabinets, scoops and duct work shall be positioned, operated, and maintained so that there is no leakage of Air Contaminants to the atmosphere prior to their treatment in the Air Pollution Control System. Air Pollution Control Equipment shall be maintained in good operating condition and shall be in full operation in accordance with manufacturer's instructions at all times when the process equipment is in operation. (Rule 21, 1200, 1421)
5. Air ducts and the air pollution control device shall be inspected, cleaned and repaired no less frequently than on 6 month intervals. The date that equipment is inspected, cleaned or repaired shall be recorded and such records shall be made available to the District upon request. (Rule 21, 1200, 1421)
6. Visibly worn filters shall be replaced. If damaged filters are found, then more frequent inspection and filter replacement shall be accomplished. (Rule 21, 1200, 1421)
7. The differential pressure gauge installed across the filter cartridges shall be maintained operational at all times when the equipment is in operation. The gauge reading shall be recorded during each day of equipment use. The cause of the differential pressure gauge not reading in the design operating range of 0.5 to 5 inches of water shall be investigated and repairs shall be made as soon as possible. Explanation and corrective action shall be recorded on the day of inspection/maintenance. [Rule 52]
10. All required records for this operation shall be maintained on-site for at least three (3) years and shall be made available to the District upon request. (Rule 21, 1200, 1421)
11. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

8. No more than 10,000 square feet of material containing Chrome VI shall be processed in this grinding booth during any calendar year. Records of material processed shall be maintained. Records shall include a cumulative total for the year. [Rule 1200]
9. The exhaust air from the booth shall have no visible dust emissions. All dust and toxic substances collected for disposal shall be stored in a sealed container pending disposal. There shall be no open disposal of dust, or materials containing toxic substances. (Rule 1200)
12. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
13. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) (Rule 1210)



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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2006-PTO-977917


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EQUIPMENT ADDRESS

Fleet Readiness Center
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PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

GRINDING BOOTH MANUFACTURED, BRAND FILTER 1. ROOM 20 FT. DEEP X 8 FT. WIDE WITH A FAN AIRFLOW OF 15,000 CU FT MIN. BOOTH MODEL DB-12-18-15. 1ST LINE OF FILTERING IS DUSTRON CARTRIDGE FILTERS, RATED AT 99.99% EFFICIENCY AT 0.5 MICRONS. EACH CARTRIDGE MEASURING 12.75 IN DIAMETER X 30 IN LONG CONTAINING 275 SQ FT MEDIA INSIDE. 2ND LINE OF FILTERING IS HEPA AIR FILTERS RATED AT 99.97% EFFICIENCY AT 0.3 MICRONS. AUTOMATED REVERSE PULSE JET SYSTEM FOR SELF CLEANING AND SAFETY DEVICES: HIGH TEMPERATURE SENSOR AND FIRE SPRINKLER. JFTNEWSEP3003

Functional Group: Aircraft Repairs/Overhaul.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [36A] Grinding Booth or Room

BEC: 12942

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Air pollution control equipment shall be maintained in good operating condition and shall be in full operation in accordance with manufacturer's instructions at all times when the process equipment is in operation. (Rule 21, 1200, 1421)
2. All process equipment shall be maintained and operated so that there is no leakage of air contaminants to the atmosphere prior to their treatment in the air pollution control system.(Rule 21, 1200, 1421)
3. All grinding and sanding operations shall be conducted within the authorized room. (Rule 21, 1200, 1421)
4. All equipment inspection and maintenance shall be recorded at the time of inspection or maintenance. The log shall be made available to the District upon request. (Rule 21, 1200, 1421)



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5. A differential pressure gauge shall be maintained across the filter media to indicate filter condition. The filter gauge reading during equipment operation shall be entered in the Inspection/Maintenance Log on each day the equipment is in use. Differential pressure reading shall be between 0.5" and 5".
(Rule 52)
6. The removal and cleaning of the filters and screens, and the disposal of the dust, shall be done in a careful manner to minimize dust emissions to the atmosphere. (Rule 21, 1200, 1421)
7. The Dust Collector Filter shall be checked for proper operation and the Filter condition and dust bypass at least annually by observing the booth exhaust and differential pressure gauge reading. If dust is visible Filter alignment shall be checked. Filters shall be changed if the reading approaches 5 inches of water.
(Rule 21)
8. Collected dust from painted parts, fiberglass composites, and adhesives shall be emptied into a container which shall be sealed and disposed of in a manner which prevents dispersal of dust to the atmosphere. (Rule 21, 1200, 1421)
9. Dust spill shall be vacuumed up as soon as possible before the end of the work shift using a vacuum hose attachment to one of the subject dust collectors, or a portable vacuum with a HEPA filter. (Rule 21, 1200, 1421)
12. All required records for this operation shall be maintained on site for at least three (3) years and shall be made available to the District upon request. (Rule 21, 1200, 1421)
13. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

10. Daily records shall be kept of the amount of materials containing Chrome VI processed in the above equipment and made available to the District upon request.
(Rule 1200)
11. No more than 10,000 square feet of material containing Chrome VI shall be processed in this grinding booth during any calendar year. Records of material processed shall be maintained. Records shall include a cumulative total for the year.
[Rule 1200]
14. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
15. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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Fleet Readiness Center Southwest / Co
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 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
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PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

ONE (1) FIBERGLASS GRINDING BOOTH, DUSTRON MODEL DB-24-36-12 DH, 24'X 8'X8' WITH A FILTER, ONE DUST COLLECTOR CONTAINING THIRTY SIX (36) 12.75" X 30"LONG FILTER CARTRIDGES (9900 SQ.FT. TOTAL AREA) AND HEPA AFTER FILTERS, 2 X 15 HP (ELECTRIC) BLOWERS WITH AN AUTOMATIC TIMED SELF-CLEANING SYSTEM AND SEVERAL HAND HELD EQUIPMENT. APPL# 980067 EFH 03/06

Functional Group: Aircraft Repairs/Overhaul.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [36A] Grinding Booth or Room

BEC: 12944

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Air pollution control equipment shall be maintained in good operating condition and shall be in full operation in accordance with manufacturer's instructions at all times when the process equipment is in operation. (Rule 21, 1200, 1421)
2. The floor of the booth and surrounding area shall be vacuumed or swept each day of operation. The cleaning shall be recorded. Records shall be available upon request. (Rule 21, 1200, 1421)
3. This equipment shall not be used unless the filters are installed and sealed to prevent contaminated air from bypassing the filters. (Rule 21, 1200, 1421)



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4. The air pollution control system and all process equipment and air contaminant gathering and containment devices such as cabinets, booths, rooms, access ways, curtains, doors, hoods, scoops, and duct work shall be positioned, operated, and maintained, so that there is no leakage of air contaminants to the atmosphere prior to their treatment in the air pollution control device. (Rule 21, 1200, 1421)
5. Air ducts and the air pollution control device shall be inspected, cleaned and repaired no less frequently than on 6 month intervals. The date that equipment is inspected, cleaned or repaired shall be recorded and such records shall be made available to the District upon request. (Rule 21, 1200, 1421)
6. Visibly worn filters shall be replaced. If damaged filters are found, then more frequent inspection and filter replacement shall be accomplished. (Rule 21, 1200, 1421)
7. All process equipment shall be maintained and operated so that there is no leakage of Air Contaminants to the atmosphere prior to their treatment in the Air Pollution Control System. Dry particulate matter discharged from an opening such as a hole or slit in the process equipment or ducting which falls immediately to the surfaces below the hole or slit and does not remain airborne shall not be considered leakage. (Rule 21, 1200, 1421)
8. A differential pressure gauge shall be maintained across the filter media to indicate filter condition. The filter gauge reading during equipment operation shall be entered in the Inspection/Maintenance Log on each day the equipment is in use. Differential pressure reading shall be between 0.5" and 5". (Rule 52)
11. All operational and maintenance logs required by this permit shall be kept a minimum of 3 years unless otherwise indicated by the conditions of this permit, and these records shall be made available to the Air Pollution Control District upon request. (Rule 21, 1200, 1421)
12. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

9. No more than 10,000 square feet of material containing Chrome VI shall be processed in this grinding booth during any calendar year. Records of material processed shall be maintained. Records shall include a cumulative total for the year. [Rule 1200]
10. The exhaust air from the booth shall have no visible dust emissions. All dust and toxic substances collected for disposal shall be stored in a sealed container pending disposal. There shall be no open disposal of dust, or materials containing toxic substances. [Rule 1200]
13. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
14. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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Site ID: APCD1978-SITE-02756
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APCD2006-PTO-982370

Fleet Readiness Center Southwest / Co
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 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
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PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

ONE (1) FIBERGLASS GRINDING BOOTH, TO RIT DONALSON MODEL ECB-5, 10'X18'X8'WITH ONE (1) DUST COLLECTOR CONTAINING THIRTY SIX 12.75" X 30" LONG CARTRIDGES (990 SQ FT TOTAL AREA) AND HEPA AFTER FILTERS, 2 X 15 HP ELECTRIC BLOWERS WITH AN AUTOMATIC TIMED SELF-CLEANING SYSTEM AND SEVERAL HAND HELD EQUIPMENT. APPL# 982370 EFH 09/06

Functional Group: Aircraft Repairs/Overhaul.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [36A] Grinding Booth or Room

BEC: 12944

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Air pollution control equipment shall be maintained in good operating condition and shall be in full operation in accordance with manufacturer's instructions at all times when the process equipment is in operation. (Rule 21, 1200, 1421)
2. The floor of the booth and surrounding area shall be vacuumed or swept each day of operation. The cleaning shall be recorded. Records shall be available upon request. (Rule 21, 1200, 1421)
3. This equipment shall not be used unless the filters are installed and sealed to prevent contaminated air from bypassing the filters. (Rule 21, 1200, 1421)



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4. The air pollution control system and all process equipment and air contaminant gathering and containment devices such as cabinets, booths, rooms, access ways, curtains, doors, hoods, scoops, and duct work shall be positioned, operated, and maintained, so that there is no leakage of air contaminants to the atmosphere prior to their treatment in the air pollution control device. (Rule 21, 1200, 1421)
5. Air ducts and the air pollution control device shall be inspected, cleaned and repaired no less frequently than on 6 month intervals. The date that equipment is inspected, cleaned or repaired shall be recorded and such records shall be made available to the District upon request. (Rule 21, 1200, 1421)
6. Visibly worn filters shall be replaced. If damaged filters are found, then more frequent inspection and filter replacement shall be accomplished. (Rule 21, 1200, 1421)
7. All process equipment shall be maintained and operated so that there is no leakage of Air Contaminants to the atmosphere prior to their treatment in the Air Pollution Control System. Dry particulate matter discharged from an opening such as a hole or slit in the process equipment or ducting which falls immediately to the surfaces below the hole or slit and does not remain airborne shall not be considered leakage. (Rule 21, 1200, 1421)
8. A differential pressure gauge shall be maintained across the filter media to indicate filter condition. The filter gauge reading during equipment operation shall be entered in the Inspection/Maintenance Log on each day the equipment is in use. Differential pressure reading shall be between 0.5" and 5". (Rule 52)
11. All operational and maintenance logs required by this permit shall be kept a minimum of 3 years unless otherwise indicated by the conditions of this permit, and these records shall be made available to the Air Pollution Control District upon request. (Rule 21, 1200, 1421)
12. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

9. No more than 10,000 square feet of material containing Chrome VI shall be processed in this grinding booth during any calendar year. Records of material processed shall be maintained. Records shall include a cumulative total for the year. [Rule 1200]
10. The exhaust air from the booth shall have no visible dust emissions. All dust and toxic substances collected for disposal shall be stored in a sealed container pending disposal. There shall be no open disposal of dust, or materials containing toxic substances. [Rule 1200]
13. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
14. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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EQUIPMENT ADDRESS

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PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Hard chrome electro-plating operation consisting of six (6) plating tanks (outer dimensions 9' x 4' x 8'D) using a chemical fume suppressant, equipped with ampere-hour metering devices and splash guards. Each of the above tanks is equipped with a push-pull emission collection system which vent to two (2) MAPCO enforcer four-stage mist eliminator (composite mesh pad system) each equipped with a differential gauge. 974710/986239(RKY)

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [93A] Test Witness and Report Review (T&M)
 1 [55A] Hard or Decorative Chrome Plating and/or Anodizing Tank

BEC: APCD2013-CON-000615

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

2. The Hexavalent Chromium emissions shall not exceed 0.03 milligrams per ampere-hour as measured after the add-on Air Pollution Control Device(s) until October 24, 2009. After October 24, 2009, the Hexavalent Chromium emissions shall not exceed 0.0015 milligrams per ampere-hour as measured after the add-on Air Pollution Control Device(s). [93102.4(A)(1) (A), 93102.4(B)(1)]
3. The Hexavalent Chromium emissions shall not exceed 0.015 milligrams per dry cubic meter (mg/dscm) as measured after the add-on Air Pollution Control Device(s). [40 CFR 63 Subpart N §63.342(c)(2)(ii)]
4. Both composite mesh pad systems shall be used during all chromium electroplating operations [40CFR63.342(f)(1)(i)].



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5. Each Electroplating or Anodizing Tank, or group Electroplating or Anodizing Tanks, shall have a continuous recording, non-resettable, ampere-hour meter that operates on the electrical power lines connected to the Tank or group of Tanks. A separate ampere-hour meter shall be hard-wired for each Rectifier. The ampere-hour meter(s) shall be installed and maintained in accordance with the manufacturer's specifications and the Owner or Operator shall maintain records to document this. [93102.9(A),93102.10(A)]
6. Owner or operator shall maintain records of the actual cumulative rectifier usage (in ampere-hours) expended during each month of the reporting period, and the total (12-month rolling) usage expended to date including the date and time the data are collected. The record shall be submitted to the District's Compliance Division as part of their ongoing Compliance Status Report.
[93102.12(C)(1), 93102.12(G), 40 CFR 63 Subpart N §63.346]
7. A mechanical gauge shall be installed to continuously monitor the pressure drop across the composite mesh pad system. The gauge shall be located so that it is visible and in clear sight of the operation or maintenance personnel. [93102.9(b), 40 CFR 63 Subpart N §63.343 (c)]
8. The pressure drop across the composite mesh pad system shall be maintained within 1 and 5 inches of water during plating operations (value established during the December 2000 performance test). [93102.9(b), 40 CFR 63 Subpart N §63.343 (c)(1)]
9. The pressure drop across each composite mesh pad system shall be monitored and recorded daily, during plating operations, including the date and time the data are collected. [93102.12(c)(2), 40 CFR 63 Subpart N §63.343 (c)(1) & §63.343 (b)]
10. Once per calendar quarter, the Owner or Operator shall visually inspect Composite Mesh Pad(s) control device to ensure:
(1) There is proper drainage
(2) There are no unusual Chromic Acid build up on the pads
(3) There is no evidence of chemical attack that affects the structural integrity of the devices
(4) There is no breakthrough of Chromic Acid mist at the back portion of the mesh pad closest to the fan (5) There are no leaks in the ductwork from tanks to the control device
Permittee shall perform wash down of Composite Mesh Pad(s) in accordance with manufacturer recommendations.
[93102.10(A), 40 CFR 63 Subpart N §63.342 & §63.346]
11. Each time the ampere-hour meter(s), composite mesh pad(s) and the stalagmometer/tensiometer are inspected, the owner or operator shall record the following: (1) the device inspected, (2) the date and time of inspection, (3) a brief description of the device working condition, (4) any maintenance activities perform and (5) any actions taken to correct any deficiencies. The owner or operator shall maintain records documenting that the provisions of the O&M plan have met. The records can take the form of a checklist. [93102.12(a)(1),(2),(3),(4),(5), 40 CFR 63 Subpart N §63.346]
12. Permittee shall not use perfluorooctane sulfonic acid (PFOS) based chemical fume suppressants that contain 1% or greater PFOS by weight. [40 CFR 63 Subpart N §63.342(c)(2)(viii)]
13. The surface tension of the Electroplating or Anodizing Bath may be measured using either a Stalagmometer or a Tensiometer. Surface tension of the Tank shall not exceed 40 (Dynes per centimeter) when measured with a Stalagmometer or 33 (Dynes/centimeter) when measured with a Tensiometer. [40 CFR 63 Subpart N §63.342(c)(2)(iii)]
14. Owner or Operator shall measure and monitor the surface tension of the electroplating, or anodizing bath(s) solution that contains a chemical fume suppressant with either a Stalagmometer using the procedure in Section 93102.16 Appendix 8 of CCR Title 17, Section 93102 or with a Tensiometer using U.S. EPA Method 306B (40 CFR Part 63, Appendix A). The Stalagmometer or Tensiometer shall be calibrated and maintained in accordance with the manufacturer's specifications and the Owner or Operator shall maintain calibration and maintenance records.
[93102.9(D)(1) or (D)(2), 93102.10(A), 40 CFR 63 Subpart N §63.343 (c)(5)]
15. The surface tension shall be measured daily for 20 consecutive operating days, and weekly thereafter as long as there is no Violation of the surface tension requirement. If a Violation occurs, the measurement frequency shall return to daily for 20 operating days, and weekly thereafter. The Owner or Operator shall maintain records of the surface tension including the date the data is collected.
[93102.9(D)(1) or(D)(2), 93102.12(C)(4)(A), 40 CFR 63 Subpart N §63.343 (c)(5)]



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16. The Owner or Operator shall maintain records of the date, time, approximate volume, and product identification of the chemical fume suppressants that are added to the Electroplating or Anodizing Bath. [93102.12(H), 40 CFR 63 Subpart N §63.346]
17. The owner or operator shall have an operation and maintenance (O&M) plan. For major sources, the plan shall be incorporated by reference into the source's Title V permit. The plan shall incorporate the inspection and maintenance requirements for the ampere-hour meter(s) and the composite mesh pad system and include the following elements: (1) a standardized checklist to document the operation and maintenance of the facility, the add-on air pollution control device, and the process and control system monitoring equipment; and (2) procedures to be followed to ensure that equipment is properly maintained at all times. To satisfy the inspection and maintenances requirements above, the owner or operator may use applicable standard operating procedure (SOP) manuals, occupational safety and health administration (OSHA) plans, or other existing plans, provided the alternative plans meet the above requirements. [93102.11(a), 93102.11(a)(1), 93102.11(a)(2), 40 CFR 63 Subpart N §63.342 (f)]
18. The Owner or Operator shall keep the written O&M Plan on record and make it available for inspection upon request, during normal working hours.
[93102.11(B)]
19. Any changes to the O&M plan made by Owner or Operator shall be documented in an Addendum to the O&M Plan. In addition, the Owner or Operator shall keep previous (i.e. superseded) versions of the O&M Plan on record to be made available for inspection upon request, during normal working hours, for a period of 5 years after each revision to the Plan. The O&M Plan shall be revised as necessary to minimize breakdowns. [93102.11(C), 93102.11(D)]
20. Chromic Acid powder or flakes, or other substances that may contain Hexavalent Chromium, shall be stored in a closed container in an enclosed storage area.
[93102.5(C)(1)]
21. Chromic Acid powder or flakes shall be transported from an enclosed storage area to the electroplating or anodizing bath (s) in a closed container.
[93102.5(C)(2)]
22. Any liquid or solid material that may contain hexavalent chromium that is spilled (flowed or spread beyond the bounds of designed primary and secondary containment) shall be contained and cleaned up within one hour after being spilled.
[93102.5(c)(3), 40 CFR 63 Subpart N §63.342]
23. Each electroplated or anodized part must be handled so that Chromic Acid is not dripped outside the Electroplating Tank.
[93102.5(C)(4)(B)(1), 40 CFR 63 Subpart N §63.342]
24. Each facility spraying down parts over the Electroplating or Anodizing Tank(s) to remove excess Chromic Acid shall have a splash guard installed at the Tank to minimize overspray and to ensure that any Hexavalent Chromium. Laden liquid is returned to the Electroplating or Anodizing Tank. [93102.5(C)(4)(B)(2), 40 CFR 63 Subpart N §63.342]
25. Surfaces with the enclosed storage area, open floor area, walkways around the Electroplating or Anodizing Tank(s), or any surface potentially contaminated with Hexavalent Chromium, that accumulates or potentially accumulates dust shall be cleaned at least once every seven days in one or more of the following manner:
 - HEPA vacuumed
 - hand wiped with a damp cloth
 - wet mopped
 - or otherwise cleaned as approved by the DistrictOr shall be maintained with the use of non-toxic chemical dust suppressants.
[93102.5(C)(5), 40 CFR 63 Subpart N §63.342]
26. Buffing, grinding, or polishing areas within a facility shall be separated from the Electroplating or Anodizing Operation by installing a physical barrier. The barrier may take the form of plastic strip curtains.
[93102.5(C)(6), 40 CFR 63 Subpart N §63.342]



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- 27. Chromium or Chromium-containing wastes generated from housekeeping activities shall be stored, disposed of, recovered, or recycled using practices that do not lead to fugitive dust and in accordance with Hazardous Waste Requirements. [93102.5(C)(7), 40 CFR 63 Subpart N §63.342]
- 28. The Owner or Operator shall maintain records demonstrating compliance with housekeeping Requirements, as required above, including the dates on which specific activities were completed, and records showing that Chromium or Chromium-containing wastes have been stored, disposed of, recovered, or recycled using practices that do not lead to fugitive dust emissions. [93102.12(K), 40 CFR 63 Subpart N §63.346]
- 30. The Owner or Operator shall maintain test reports documenting the conditions and results of all performance tests. The contents of the test reports shall contain the information required by Appendix 1 of CCR Title 17, Section 93102. [93102.12(B), 93102.13(A)(3), 40 CFR 63 Subpart N §63.346]
- 31. The Owner or Operator shall maintain records of the occurrence, duration, and cause (if known) and action taken on each breakdown. The Owner or Operator shall report breakdowns as required by the District's Breakdown Rule 98. [93102.12(D), 93102.13(D), 40 CFR 63 Subpart N §63.346]
- 32. The owner or operator shall maintain records of exceedances of the above limitations, monitoring parameters and/or operating parameters. The records shall include the date of occurrence, the duration, cause (if known), and where possible, the magnitude of any excess emissions. [93102.12(e), 40 CFR 63 Subpart N §63.346]
- 33. All records shall be maintained for five years, at least two years on site. [93102.12(L), 40 CFR 63 Subpart N §63.346]
- 34. By February 1 of each calendar year, the owner or operator shall submit to the District's Compliance Division an Ongoing Compliance Status Report for the previous calendar year (January 1 through December 31). The report shall include the information identified in 40 CFR 63 Subpart N §63.347(g)(3) and Section 93102.16 Appendix 3 of CCR Title 17. [40 CFR 63 Subpart N §63.347, 93102.13(c)]
- 35. The air pollution control device shall be source tested every 9,000,000 ampere-hours, combined for all electroplating operations conducted under this permit. Records shall be maintained which demonstrate cumulative electroplating usage for all equipment described herein. The source tests shall be conducted to determine compliance with applicable emission standards and be witnessed by the District and conducted according to a District approved protocol. It is the responsibility of the Permittee to schedule the source test with the District or notify the District of the intent to conduct a source test at least 60 days before the test is scheduled to begin. [93102.7; Rule 1200; Rule 21; 40 CFR 63 Subpart N §63.347]
- 38. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

- 1. The Hexavalent Chromium emissions shall not exceed 0.233 pounds in every consecutive 12-month period. The Hexavalent Chromium emissions shall be determined using the three most recent applicable Source Tests approved by the District for the above equipment. [Rule 1200]
- 29. The Hard Chrome Electroplating Solution shall not be air agitated. [Rule 1200]
- 36. No later than October 24, 2009, and within every two years thereafter, the Owner or Operator of a facility shall ensure that Chromium Plating or Chromic Acid Anodizing Operations are conducted under the direction of the Owner or Operator or current employee who is on site and who has completed the Air Resources Board (ARB) Compliance Assistance Training Course pertaining to Chromium Plating and Chromic Acid Anodizing. Environmental Compliance Training conducted by the South Coast Air Quality Management District pursuant to Rule 1469 shall fulfill these Requirements. [93102.5(B), 93102.5(B)(3)]



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App ID: APCD2015-APP-004084

PERMIT ID

APCD2003-PTO-900053



37. On or after October 24, 2009, environmental compliance and record keeping required by the ATCM (Permit) shall be conducted only by persons who completed an ARB Compliance Assistance Training Course. In the event that all persons who have completed the ARB Training Class are no longer associated with a facility, the Owner or Operator may be responsible for environmental compliance and recordkeeping required for a period of time not to exceed two years. The Owner or Operator shall ensure that as soon as practical, but not longer than two years, personnel complete the training specified above. [93102.5(B)(1), 93102.5(B)(2)]
39. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
40. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131-1649
PHONE (858) 586-2600 Fax (858) 586-2601
www.sdapcd.org

PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD2018-INA-000228

PERMIT ID

APCD2013-PTO-001820


Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

One (1) Aerospace coating operation in an enclosed paint spray booth:
 Manufacturer: Americure
 Model: STD121210
 Inside Dimensions: 12 feet long x 9 feet wide x 9.5 feet high
 Number of exhaust stacks: 1
 Exhaust flow rate: 16,000 cfm
 Stack diameter: 24 inches
 3-stage filter system compliant with 40CFR63 Subpart GG
 Functional group: Aircraft Repairs/Overhaul
 (located in Bldg 378).

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [49A] Non-Operational Status Equipment

BEC: APCD2010-CON-000132

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. This equipment shall not be operated at any time except where limited use of this equipment is allowed without a permit to operate under a Rule 11 exemption. This limited usage shall be subject to all other applicable prohibitory rules. All records and data necessary to substantiate this Rule 11 exemption shall be maintained on site for a minimum of three calendar years and made available to the District upon request.



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Site ID: APCD1978-SITE-02756
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PERMIT ID

APCD2013-PTO-001820



2. If the previously applicable permit to operate (prior to inactivation) required source testing, the equipment shall be source tested within 60 calendar days of permit reactivation. This source testing is required to demonstrate compliance with emission standards contained in the previously applicable permit to operate, it is the responsibility of the permittee to schedule the source test with the District. The source test shall be performed or witnessed by the District.
3. The permittee shall submit an application and obtain written approval from the District prior to operating the equipment under inactive status. In the event new or additional requirements are applicable to this equipment upon reactivation, the permittee shall submit an application and additional information with corresponding fees to demonstrate how the permittee will comply with the new or additional requirements and to add corresponding permit conditions.
4. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

5. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
6. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD1996-ACT-951062

PERMIT ID

APCD2008-PTO-005452


Fleet Readiness Center Southwest/ Com
 Program Manager Dr. Shekar Viswanath
 Env Division Code KN61 P.O. Box 3570
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

INDUSTRIAL COATING APPLICATION STATION: ONE (1) PAINT SPRAY BOOTH, DEVILBISS, 40' X 30'X 17', EQUIPPED WITH EXHAUST SYSTEM OF 126 FILTERS EACH 20" X 25" X 2" AND THREE (3) 5 HP FANS USING HVLP SPRAY GUNS, PAINT BRUSHES AND ROLLERS TO APPLY ORGANIC AND INORGANIC COATINGS IN BLDG 477

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [49A] Non-Operational Status Equipment

BEC: APCD2010-CON-000132

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. This equipment shall not be operated at any time except where limited use of this equipment is allowed without a permit to operate under a Rule 11 exemption. This limited usage shall be subject to all other applicable prohibitory rules. All records and data necessary to substantiate this Rule 11 exemption shall be maintained on site for a minimum of three calendar years and made available to the District upon request. [Rule 10]
2. If the previously applicable permit to operate (prior to inactivation) required source testing, the equipment shall be source tested within 60 calendar days of permit reactivation. This source testing is required to demonstrate compliance with emission standards contained in the previously applicable permit to operate, it is the responsibility of the permittee to schedule the source test with the District. The source test shall be performed or witnessed by the District. [Rule 19]
3. The permittee shall submit an application and obtain written approval from the District prior to operating the equipment under inactive status. In the event new or additional requirements are applicable to this equipment upon reactivation, the permittee shall submit an application and additional information with corresponding fees to demonstrate how the permittee will comply with the new or additional requirements and to add corresponding permit conditions. [Rule 10]



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PERMIT ID

APCD2008-PTO-005452



4. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

5. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
6. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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Site ID: APCD1978-SITE-02756
App ID: N/A

PERMIT ID

APCD2008-PTO-006144


Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

PAINT SPRAY BOOTH (992 CU FT): SYS-COM MODEL NA82872, 15.5' X 8' X 8'H; EXHAUST SYS OF FILTERS & 3 FANS/2 -10 HP, 1-15 HP(APPL #13139) IN BLDG 379

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [49A] Non-Operational Status Equipment
 BEC: APCD2010-CON-000132

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. This equipment shall not be operated at any time except where limited use of this equipment is allowed without a permit to operate under a Rule 11 exemption. This limited usage shall be subject to all other applicable prohibitory rules. All records and data necessary to substantiate this Rule 11 exemption shall be maintained on site for a minimum of three calendar years and made available to the District upon request. [Rule 11]
2. If the previously applicable permit to operate (prior to inactivation) required source testing, the equipment shall be source tested within 60 calendar days of permit reactivation. This source testing is required to demonstrate compliance with emission standards contained in the previously applicable permit to operate, it is the responsibility of the permittee to schedule the source test with the District. The source test shall be performed or witnessed by the District. [Rule 19]
3. The permittee shall submit an application and obtain written approval from the District prior to operating the equipment under inactive status. In the event new or additional requirements are applicable to this equipment upon reactivation, the permittee shall submit an application and additional information with corresponding fees to demonstrate how the permittee will comply with the new or additional requirements and to add corresponding permit conditions. [Rule 10]
4. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]



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PORTABLE

Site ID: APCD1978-SITE-02756

App ID: N/A

PERMIT ID

APCD2008-PTO-006144



B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

5. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
6. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD1996-ACT-951067

PERMIT ID

APCD2008-PTO-007053


Fleet Readiness Center Southwest/ Com
 Program Manager Dr. Shekar Viswanath
 Env Division Code KN61 P.O. Box 3570
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

INDUSTRIAL COATING APPLICATION STATION (METAL & WOOD PARTS/PRODUCTS), CONSISTING OF: ONE (1) DEVILBISS MODEL F-2192 PAINT SPRAY BOOTH, 33' X 20' X17', EQUIPPED WITH 119 DRY FILTERS, EACH 20" X 25", AND TWO (2) 5-HP FANS, USING MIL-C-22750E LOW VOC EPOXY TOP COATS AND WATER-BASED ENAMELS. (BLDG 475) 951067 REVISION DATE 6-1-02

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [49A] Non-Operational Status Equipment

BEC: APCD2010-CON-000132

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. This equipment shall not be operated at any time except where limited use of this equipment is allowed without a permit to operate under a Rule 11 exemption. This limited usage shall be subject to all other applicable prohibitory rules. All records and data necessary to substantiate this Rule 11 exemption shall be maintained on site for a minimum of three calendar years and made available to the District upon request. [Rule 10]
2. If the previously applicable permit to operate (prior to inactivation) required source testing, the equipment shall be source tested within 60 calendar days of permit reactivation. This source testing is required to demonstrate compliance with emission standards contained in the previously applicable permit to operate, it is the responsibility of the permittee to schedule the source test with the District. The source test shall be performed or witnessed by the District. [Rule 10]
3. The permittee shall submit an application and obtain written approval from the District prior to operating the equipment under inactive status. In the event new or additional requirements are applicable to this equipment upon reactivation, the permittee shall submit an application and additional information with corresponding fees to demonstrate how the permittee will comply with the new or additional requirements and to add corresponding permit conditions. [Rule 10]



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APCD2008-PTO-007053



4. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

5. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
6. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD1999-ACT-973277

PERMIT ID

APCD2008-PTO-900725


Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

A METAL PARTS COATING OPERATION CONSISTING OF AN INSIDE APPLICATION AREA (OUTSIDE BLG 342), PAINT BRUSHES ARE USED TO APPLY COATINGS

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [49A] Non-Operational Status Equipment
 BEC: APCD2010-CON-000132

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. This equipment shall not be operated at any time except where limited use of this equipment is allowed without a permit to operate under a Rule 11 exemption. This limited usage shall be subject to all other applicable prohibitory rules. All records and data necessary to substantiate this Rule 11 exemption shall be maintained on site for a minimum of three calendar years and made available to the District upon request. [Rule 10]
2. If the previously applicable permit to operate (prior to inactivation) required source testing, the equipment shall be source tested within 60 calendar days of permit reactivation. This source testing is required to demonstrate compliance with emission standards contained in the previously applicable permit to operate, it is the responsibility of the permittee to schedule the source test with the District. The source test shall be performed or witnessed by the District. [Rule 19]
3. The permittee shall submit an application and obtain written approval from the District prior to operating the equipment under inactive status. In the event new or additional requirements are applicable to this equipment upon reactivation, the permittee shall submit an application and additional information with corresponding fees to demonstrate how the permittee will comply with the new or additional requirements and to add corresponding permit conditions. [Rule 10]
4. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]



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Site ID: APCD1978-SITE-02756
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PERMIT ID

APCD2008-PTO-900725



B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

5. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
6. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD2016-INA-000171

PERMIT ID

APCD2008-PTO-921189


Fleet Readiness Center Southwest/ Com
 Program Manager Dr. Shekar Viswanath
 Env Division Code KN61 P.O. Box 3570
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

AEROSPACE COATING APPLICATION STATION: CONSISTING OF; ONE (1) MALEK INC., MODEL: CAX 200 DIP TANK DIMENSIONS: 30" X 30" X 36" EQUIPPED WITH MECHANICAL AGITATION ONE (1) EPCON INDUSTRIAL SYSTEMS ELECTRIC OVEN DIMENSIONS: 6'8" X 6'2" X 6'2" USING WATER BORNE MASKANT LOCATED IN BLDG 472. (986788/LKR/JNH/0808)

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [49A] Non-Operational Status Equipment

BEC: APCD2010-CON-000132

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. This equipment shall not be operated at any time except where limited use of this equipment is allowed without a permit to operate under a Rule 11 exemption. This limited usage shall be subject to all other applicable prohibitory rules. All records and data necessary to substantiate this Rule 11 exemption shall be maintained on site for a minimum of three calendar years and made available to the District upon request.
2. If the previously applicable permit to operate (prior to inactivation) required source testing, the equipment shall be source tested within 60 calendar days of permit reactivation. This source testing is required to demonstrate compliance with emission standards contained in the previously applicable permit to operate, it is the responsibility of the permittee to schedule the source test with the District. The source test shall be performed or witnessed by the District.
3. The permittee shall submit an application and obtain written approval from the District prior to operating the equipment under inactive status. In the event new or additional requirements are applicable to this equipment upon reactivation, the permittee shall submit an application and additional information with corresponding fees to demonstrate how the permittee will comply with the new or additional requirements and to add corresponding permit conditions.



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Site ID: APCD1978-SITE-02756

App ID: APCD2016-INA-000171

PERMIT ID

APCD2008-PTO-921189



4. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

5. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
6. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD1997-APP-961831

PERMIT ID

APCD2003-PTO-004982


Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

FURNACE, CRUCIBLE, LEAD/20,000 LB OR KIRKSITE/8,000 LB CAPACITY: ALL INDUSTRIAL MODEL 54 LKM WITH 2 STAGE DUST COLLECTOR: FARR CO MODEL 48D MK4 CARTRIDGE FILTER, 48 - 300 SQ FT CARTRIDGES, FARR CO MODEL 4-12 HEPA FILTER 24,000 CFM FAN; LOCATED IN BLDG. 65. EMISSION CONTROLS ARE SHARED WITH PERMIT NO. 4983

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [18C] Metal Melting Pit/Crucible

BEC: 10004

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Emissions of particulate matter from the exhaust stack of the equipment shall not exceed 0.10 grain per dry standard cubic foot (0.23 grams per dry standard cubic meter) of gas. Compliance with all other conditions of this permit shall establish compliance with this requirement, unless other data such as source testing results indicates an exceedance. Periodic source testing is not required to determine compliance with this limit, unless requested in writing by the District based on information indicating that emissions are in excess of this limit. (Rule 52(d))
2. No later than one year from the date of issuance of the Title V renewal permit pursuant to application APCD2016-APP-004084, the owner or operator shall install a continuous monitor to measure the differential pressure of the filtration system described in the equipment description of this permit. (Rule 52(d), Rule 1421(b)(1)(iii))



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Site ID: APCD1978-SITE-02756
App ID: APCD1997-APP-961831

PERMIT ID

APCD2003-PTO-004982



3. Upon installation of the continuous pressure monitor required by this permit, the owner or operator shall establish minimum and maximum operational values based on the manufacturer's recommendations and/or other technical considerations. These limits shall be reported to District personnel and noted in writing in a log book or similar location. Once these limits have been established, the owner or operator shall maintain the control system within the prescribed operating ranges at all times the equipment is in operation. (Rule 52(d), Rule 1421(b)(1)(iii))
4. Upon installation of the continuous pressure monitor and establishment of minimum and maximum operational values under this permit, the owner or operator shall record the monitor readings at least once every day of operation. These logs may be in paper form or electronic, and may be automated by a data collection system or similar. (Rule 52(d), Rule 1421(b)(1)(iii))
6. Scrap metals for charging the furnace shall be sufficiently clean of oil, grease, paint or other contaminants to prevent exceeding the emission standards of Rule 50.
12. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

5. The melting pot shall not be used without the temperature control system in operation to prevent overheating of molten metal and the maximum operating temperature shall not exceed 950°F. The permittee shall record the maximum operating temperature each production day, maintain these records onsite and make them available to District upon request. [17 CCR § 93107]
7. Only Kirksite and Lead shall be melted in this furnace. [17 CCR § 93107]
8. The facility shall maintain records of the amount and type of non-ferrous metals charged at this facility (including recycled scrap). These records shall be maintained for a minimum of two years and made available to the District upon request. [17 CCR § 93107]
9. The total annual quantity of pure lead and hard lead melted at this facility shall be divided by its corresponding maximum limit and the resulting fractions totaled together. The resulting fractional total shall not exceed 1.0. Maximum limits are: pure lead (400 tons/year), hard lead (200 tons/year). [17 CCR § 93107]
10. A sample analysis of hard lead and pure lead shall be conducted at least once each calendar year in which lead is processed in this unit. The sample analysis of the lead metals shall be conducted in accordance with NSPS Test Method 29, followed by analysis either sw846 method 8010b or method 8020, to determine the arsenic and cadmium content. To be qualified as pure lead, the sample shall contain no more than 0.001 percent cadmium and 0.001 percent arsenic by weight. [17 CCR § 93107]
11. A sample analysis of the kirksite metal shall be conducted at least once each calendar year in which this unit is operated, in accordance with the test methods described in the non-ferrous metal melting air toxic control measure, Section (F) to verify that the maximum content of Arsenic (As) and Cadmium (Cd) in the kirksite metal does not exceed 0.002 percent and 0.004 percent by weight, respectively. A legible copy of the metal sample analysis report indicating the (Cd) and (As) content in the metal and the metal supplier shall be maintained at the facility for at least two years from the date of last use of the metal. [17 CCR § 93107]
13. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
14. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD2016-APP-004084

PERMIT ID

APCD2003-PTO-004983


Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

FURNACE, CRUCIBLE, KIRKSITE/8,000-LB OR LEAD/20,000 LB CAPACITY: ALL INDUSTRIAL MODEL 54 LKM WITH 2 STAGE DUST COLLECTOR: FARR CO MODEL 48D MK4 CARTRIDGE FILTER, 48 - 300 SQ FT CARTRIDGES, FARR CO MODEL 4-12 HEPA FILTER 24,000 CFM FAN; LOCATED IN BLDG. 65; EMISSION CONTROLS SHARED WITH PERMIT NO. 4982

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [18C] Metal Melting Pit/Crucible
 BEC: 10004

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Emissions of particulate matter from the exhaust stack of the equipment shall not exceed 0.10 grain per dry standard cubic foot (0.23 grams per dry standard cubic meter) of gas. Periodic source testing is not required to determine compliance with this limit, unless requested in writing by the District based on information indicating that emissions are in excess of this limit. (Rule 52(d))
2. No later than one year from the date of issuance of the Title V renewal permit pursuant to application APCD2016-APP-004084, the owner or operator shall install a continuous monitor to measure the differential pressure of the particulate control system described in the equipment description of this permit. (Rule 52(d), Rule 1421(b)(1)(iii))
3. Upon installation of the continuous pressure monitor required by this permit, the owner or operator shall establish minimum and maximum operational values based on the manufacturer's recommendations and/or other technical considerations. These limits shall be reported to District personnel and noted in writing in a log book or similar location. Once these limits have been established, the owner or operator shall maintain the control system within the prescribed operating ranges at all times the equipment is in operation. (Rule 52(d), Rule 1421(b)(1)(iii))



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Site ID: APCD1978-SITE-02756
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- 4. Upon installation of the continuous pressure monitor and establishment of minimum and maximum operational values under this permit, the owner or operator shall record the monitor readings at least once every day of operation. These logs may be in paper form or electronic, and may be automated by a data collection system or similar. (Rule 52(d), Rule 1421(b)(1)(iii))
- 6. Scrap metals for charging the furnace shall be sufficiently clean of oil, grease, paint or other contaminants to prevent exceeding the emission standards of Rule 50 (visible emissions).
- 12. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

- 5. The melting pot shall not be used without the temperature control system in operation to prevent overheating of molten metal and the maximum operating temperature shall not exceed 950°F. The permittee shall record the maximum operating temperature each production day, maintain these records on site and make them available to District upon request. [17 CCR § 93107]
- 7. Only kirksite and lead shall be melted in this furnace. [17 CCR § 93107]
- 8. The facility shall maintain records of the amount and type of non-ferrous metals charged at this facility (including recycled scrap). These records shall be maintained for a minimum of two years and made available to the District upon request. [17 CCR § 93107]
- 9. The total annual quantity of pure lead and hard lead melted at this facility shall be divided by its corresponding maximum limit and the resulting fractions totaled together. The resulting fractional total shall not exceed 1.0. Maximum limits are: pure lead (400 tons/year), hard lead (200 tons/year). [17 CCR § 93107]
- 10. A sample analysis of hard lead and pure lead shall be conducted at least once each calendar year in which lead is processed in this unit. The sample analysis of the lead metals shall be conducted in accordance with NSPS Test Method 29, followed by analysis either sw846 method 8010b or method 8020, to determine the arsenic and cadmium content. To be qualified as pure lead, the sample shall contain no more than 0.001 percent cadmium and 0.001 percent arsenic by weight. [17 CCR § 93107]
- 11. A sample analysis of the kirksite metal shall be conducted at least once each calendar year in which kirksite is processed in this unit, in accordance with the test methods described in the non-ferrous metal melting air toxic control measure, Section (F) to verify that the maximum content of Arsenic (As) and Cadmium (Cd) in the kirksite metal does not exceed 0.002 percent and 0.004 percent by weight, respectively. A legible copy of the metal sample analysis report indicating the (Cd) and (As) content in the metal and the metal supplier shall be maintained at the facility for at least two years from the date of last use of the metal. [17 CCR § 93107]
- 13. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
- 14. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD2022-APP-007562

PERMIT ID

APCD2003-PTO-005202


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 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Building 472 Oil Application Process consisting of:

Oil Coating Application Station
 One (1) J&M Spray Booth
 Dimensions: 11'W X 12'L X 8.6'H
 Model: M128-511OF
 Application Method: Compressed Air / Pneumatic Oil Gun

Two (2) reservoir tanks containing Mil-Spec compliant corrosion prevention compounds
 Tank #4, Dimensions: 5' X 1.3' X 2'H
 Tank #5, Dimensions: 3' X 2' X 2.5'H

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [27D] Surface Coating Station
 BEC: 11473

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. All materials containing volatile organic compounds shall be stored in closed containers in accordance with Rule 67.17 requirements. (Rule 67.17)



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Site ID: APCD1978-SITE-02756
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PERMIT ID

APCD2003-PTO-005202


2. At no time shall the subject equipment cause or contribute to a public nuisance as specified in District Rule 51. If compliance with Rule 51 cannot be demonstrated to the satisfaction of the District, the permittee will take whatever corrective action necessary to meet applicable requirements. If corrective action requires any physical change or modification to the subject equipment the permittee shall apply for and obtain an Authority to Construct for all such modifications prior to making any physical change. (Rule 51)
3. Permittee shall comply with all applicable requirements in Rule 66.1 (Rule 66.1)
4. All surface coatings shall comply with the following requirements:
 - a. air-dried coatings shall have a VOC content equals to or less than 420 grams/liter (3.5 lbs/gal) of coating, less water and exempt compounds, as applied; and,
 - b. baked coatings shall have a VOC content equals to or less than 360 grams/liter (3.0 lbs/gal) of coating, less water and exempt compounds, as applied. (Rule 66.1)
5. Surface preparation and solvent cleaning operations, including wipe cleaning but excluding cleaning of coating application equipment shall meet the following requirements:
 - a. the VOC content of cleaning material shall be 50 grams/liter (0.42 lbs/gal), or less as used; or
 - b. the total VOC vapor pressure of cleaning material shall be 8 mm Hg at 20°C (68°F) or less. (Rule 66.1)
6. VOC containing materials used for the cleaning of coating application equipment used in this operation shall comply with one of the following requirements:
 - a. the cleaning material shall contain 50 grams or less of VOC per liter of material; or
 - b. the cleaning material shall be flushed or rinsed through the application equipment in a contained manner that will minimize evaporation into the atmosphere; or
 - c. the application equipment or equipment parts shall be cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or its parts and provided that the cleaned equipment or its parts are drained to the container until dripping ceases; or
 - d. a system is used that totally encloses the component parts being cleaned during the washing, rinsing, and draining processes. (Rule 66.1)
7. Permittee shall only apply coatings using one of the following methods: high volume low pressure (HVLP) spray application, electrostatic spray application, flow coat, dip coat, roll coat or hand application methods (brushes, rollers, markers, marking pens, etc.). Alternatively, an equivalent application method that has been approved by the District in writing might be used. (Rule 66.1)
8. Permittee shall operate any coating application equipment subject to Rule 66.1(d)(3)(i)(G) in accordance with written District approval for the application equipment. (Rule 66.1)
9. High volume low pressure (HVLP) and electrostatic application equipment shall be operated and maintained in accordance with the manufacturer's instructions. For HVLP equipment, the applicant will have available on site pressure gauge(s) in proper operating condition to measure the air cap pressure or have available manufacturer's technical information showing the correlation between the handle air inlet pressure and the air cap pressure. (Rule 21)
10. If the correlation option specified above is chosen to demonstrate compliance, a handle air inlet pressure gauge will be required on site in proper operating condition to measure the handle air inlet pressure. The applicant shall maintain a permanent air pressure at the air cap of 0.1 to 10 psig. (Rule 21)



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PERMIT ID

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11. Permittee shall maintain records for this operation in accordance with Rule 66.1. The records shall include the following information:
 - a. current list of each coating, solvent, or other materials containing volatile organic compound (VOC) and/or toxic air contaminant (TAC). This list shall provide the VOC and TAC content and all other data necessary to evaluate compliance, including but not limited to:
 1. manufacturer name and identification for each material containing VOCs and/or TACs;
 2. for coatings, other than low-solid coatings, the VOC content shall be expressed in grams per liter (lbs/gal), less water and exempt compounds, as applied and mix ratio of components, if applicable;
 3. actual oven drying temperature, if applicable;
 4. for surface preparation and cleaning materials or for low-solid coatings, the VOC content shall be expressed in grams per liter (lbs/gal) of cleaning material or low solids coating as used, and mix ratio of components, if applicable;
 - b. material safety data sheet (MSDS) or manufacturer information for all materials VOC and/or TAC. The MSDS or manufacturer information shall include the manufacturer name and identification, VOC and TAC content, material density (weight per volume) or material specific gravity (material density relative to the density of water) for each material in use, and vapor pressure of solvents used for surface preparation and cleaning operations;
 - c. type of application equipment used;
 - d. if applicable, all District approval documentation for coating application equipment, issued in accordance with Rule 66.1(d)(3)(i)(G); and,
 - e. monthly purchasing or dispensing records and daily or monthly usage records of all materials containing VOC and/or TAC. (Rule 66.1 and 21)
12. All records shall be retained on site for at least three (3) years and made readily available to the District upon request. [Rule 21]
13. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

14. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
15. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2007-PTO-900204


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EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
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PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Cadmium ion vapor deposition system: vacuum coating chamber, V&N Advanced Automation Systems, Model: 1306 Vacuum Cadmium System; and combined unit vacuum system. All vented to 6800-cfm capacity Crown water scrubber #P-1 or 60,000 cfm capacity water scrubber #P-2.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [37A] Spray Booths Application Station

BEC: 13109

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Emissions of particulate matter from the exhaust stack of the equipment shall not exceed 0.10 grain per dry standard cubic foot (0.23 grams per dry standard cubic meter) of gas. Compliance with all other conditions of this permit shall establish compliance with this requirement, unless other data such as source testing results indicates an exceedance. Periodic source testing is not required to determine compliance with this limit, unless requested in writing by the District based on information indicating that emissions are in excess of this limit. (Rule 52(d))
2. All process equipment shall be maintained and operated so that there is no leakage of air contaminants to the atmosphere prior to their treatment in the air pollution control system. [Rule 20]
3. The vacuum system shall be operated only when the vacuum chamber door is closed and the entire vacuum system is air tight. [Rule 20]
4. Each wet scrubber for this equipment shall be equipped with a continuous monitor to measure the scrubbing liquid flow rate. (Rule 52(d), Rule 1421(b)(1)(iii))



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Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2007-PTO-900204



5. The minimum and maximum scrubbing liquid flow rates for each wet scrubber shall be established based on manufacturer and operator recommendations and shall be recorded in writing in a log book or similar location. The owner or operator shall maintain the control system within the prescribed operating ranges at all times the equipment is in operation. (Rule 52(d), Rule 1421(b)(1)(iii))
6. The owner or operator shall record the wet scrubber liquid flow rate at least once every day of operation. These logs may be in paper form or electronic, and may be automated by a data collection system or similar. (Rule 52(d), Rule 1421(b)(1)(iii))
7. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

8. To maintain emissions below the maximum allowable long term Cadmium emission rate, no more than 15 process runs shall occur per 24 hour period (5625 runs/yr). An equipment operation log shall contain the date, start and stop time of each process run. The log shall be maintained on site for two (2) years and made available to the District upon request. [Rule 1200]
9. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
10. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD2016-APP-004084

PERMIT ID

APCD2003-PTO-960920

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EQUIPMENT ADDRESS

Fleet Readiness Center
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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

LEAD MELTING CRUCIBLE: 1954 CUBIC INCH, 800 LBS, 0.3 MM BTU/HR, NATURAL GAS HEATED MELTING CRUCIBLE.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [18C] Metal Melting Pit/Crucible
 BEC: 11144

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Emissions of particulate matter from the exhaust stack of the equipment shall not exceed 0.10 grain per dry standard cubic foot (0.23 grams per dry standard cubic meter) of gas. Compliance with all other conditions of this permit shall establish compliance with this requirement, unless other data such as source testing results indicates an exceedance. Periodic source testing is not required to determine compliance with this limit, unless requested in writing by the District based on information indicating that emissions are in excess of this limit. (Rule 52(d))
6. Prior to charging in the melting crucible, all lead metal shall be sufficiently clean of oil, grease, paint or other contaminants to prevent exceeding the emission standards of Rule 50.
7. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

2. The total annual quantity of pure lead and hard lead melted at this facility shall be divided by its corresponding maximum limit and the resulting fractions totaled together. The resulting fractional total shall not exceed 1.0. Maximum limits are: pure lead (400 tons/year), hard lead (200 tons/year). [17 CCR § 93107]



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APCD2003-PTO-960920



3. The facility shall maintain records of the amount and type of non-ferrous metals charged at this facility (including recycled scrap). These records shall be maintained for a minimum of two years and made available to the District upon request. [Rule 20]
4. The melting crucible shall only be used to melt Lead metal. [Rule 20]
5. The maximum charge temperature shall not exceed 850 °F at any time during lead melting. The melting crucible shall be equipped with a temperature control system and gauge and shall not be used without the temperature control system in good condition to prevent overheating of Lead metal. [Rule 1200]
8. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
9. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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Site ID: APCD1978-SITE-02756
App ID: APCD2016-APP-004084

PERMIT ID

APCD2006-PTO-980839

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EQUIPMENT ADDRESS
 Fleet Readiness Center
 Dr. Shekar Viswanathan
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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

ONE (1) SPX OIL QUENCH TANK AND AN ELECTRIC HEAT TREAT FURNACE UNIT MODEL 13CT-243618-18AQCF-1 CONSISTING OF A LINDBERG MODEL MARK INTEGRAL FURNACE AND 700 GALLON CAPACITY MINERAL OIL TANK, NOT VENTED OUTSIDE OF THE HEAT TREAT ROOM, EQUIPPED WITH AUTOMATIC QUENCH OIL TEMPERATURE AND ATMOSPHERE CONTROL OIL LEVEL GAUGE, QUENCH GUARD, OIL FILTRATION SYSTEM, AIR TO OIL COOLING HEAT EXCHANGER. APPL# 980839 EFH 03/06

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [19A] Oil Quenching Tank
 BEC: 12957

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. The oil temperature in the tank shall be kept sufficiently low to prevent visible emissions after initial quenching of each component. [Rule 50]
2. Quenched components shall be cooled in the tank until no visible emissions occur when they are removed from the oil. [Rule 50]
3. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

4. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.



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PERMIT ID

APCD2006-PTO-980839



5. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD2016-APP-004084

PERMIT ID

APCD2015-PTO-002488


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EQUIPMENT ADDRESS

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

A chrome and nickel metal deposition spray operation equipment with a spray enclosure, a dust collector followed by a HEPA control system, blower and all associate metal deposition spray guns and process control equipment.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [37A] Spray Booths Application Station
 BEC: APCD2015-CON-001130

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. At no time shall the subject equipment cause or contribute to a public nuisance as specified in District Rule 51. If compliance with Rule 51 cannot be demonstrated to the satisfaction of the District, the permittee will take whatever corrective action necessary to meet applicable requirements. If corrective action requires any physical change or modification to the subject equipment the permittee shall apply for and obtain an Authority to Construct for all such modifications prior to making any physical change. (Rule 51)
2. Emissions of particulate matter from the exhaust stack of the equipment shall not exceed 0.10 grain per dry standard cubic foot (0.23 grams per dry standard cubic meter) of gas. Compliance with all other conditions of this permit shall establish compliance with this requirement, unless other data such as source testing results indicates an exceedance. Periodic source testing is not required to determine compliance with this limit, unless requested in writing by the District based on information indicating that emissions are in excess of this limit. (Rule 52(d))
3. Material collected by the dry particulate control system shall be discharged into closed containers that are completely sealed to prevent dust emissions. (Rule 51 and/or Rule 1200)
6. The permittee shall install dry filters in this air pollution control system that have been certified by their manufacturer to meet a minimum control efficiency requirement of 99.97% @ 0.3 microns. (Rule 52)



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App ID: APCD2016-APP-004084

PERMIT ID

APCD2015-PTO-002488


7. No visible emissions shall be emitted from the process. (Rule 51 and/or Rule 1200)
8. When spraying is performed, all air inlets and access openings must be covered to prevent the escape of dust or mist contaminants into areas outside the enclosure. This requirement does not apply to any designed or intended make-up air vents or openings. (Rule 1200, 52)
10. The dry particulate control system must be equipped with gauges that continuously monitor the pressure drop across each control device when spraying is occurring. Each gauge must be designed to accurately measure pressure drops within the expected range and have an accuracy of at least 5% of full scale. Each gauge must be located so that it can be easily visible and in clear site of the operator or maintenance personnel. The pressure drop must be maintained per manufacturer's specifications. If the pressure drop is outside of the acceptable limits, the owner or operator must shut down the operation immediately and take corrective action. The spraying must not be resumed until the pressure drop is within the specified limit(s). (Rule 1200, Rule 1421(b)(1)(iii))
11. When in operation, the differential pressure across the cartridge filters shall be maintained between 0.05 and 4.0 inches of water. Newly installed cartridge filters shall meet the above pressure drop requirements within two (2) weeks of installation. The owner or operator must maintain records of the date when the cartridge filters were installed. (Rule 1200, Rule 1421(b)(1)(iii))
12. The owner or operator must record pressure drop for each gauge at least once per day while conducting spraying. The owner or operator must maintain records of this monitoring data that include the date data is collected, and the applicable pressure drop limits. (Rule 1200, Rule 1421(b)(1)(iii))
13. Filters on the dry particulate control system shall be properly installed and operated according to manufacturing specifications. (Rule 1200, 52)
15. All pressure drop monitoring records, cartridge filter installation records and material usage records must be readily accessible for inspection and review at the spraying operation for at least three years. (Rule 52, 1200)
16. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

4. The total annual coating material usage for this equipment shall not exceed 15,538 lbs of chromium and/or 11,737 lbs of nickel. (District Rule 1200)
5. With the exception of chrome, copper, manganese and nickel, metal deposition coating materials containing and emitting toxic air contaminants (TAC's) listed in District Rule 1200 as of July 2012 shall not be used (i.e.; cadmium, beryllium, lead, etc.). (District Rule 1200)
9. Before the enclosure is opened, spraying must cease and the exhaust system must be run for a sufficient period of time to remove contaminated air within the enclosure. (Rule 1200)
14. The owner or operator shall maintain records of the date, name, type (i.e.; wire, powder, etc.), and amount of each coating material used in each spray booth. (Rule 1200)
17. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
18. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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Site ID: APCD1978-SITE-02756
App ID: APCD2016-APP-004084

PERMIT ID

APCD2003-PTO-890682


Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
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 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

SAND SHAKER SCREEN: SIMPLICITY ENGINEERING, SCREEN SIZE 2' X 3'. BLDG 65

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [06A] Screen Set
 BEC: 0132A

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Permittee shall comply with all applicable visible emission requirements of Rule 50 and particulate mass emission rate of rule 54.
2. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

3. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
4. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2012-PTO-001309


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EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
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PERMIT TO OPERATE

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The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

REMOTE RESERVOIR CLEANER:
 MANUFACTURER: D.E. SMITH INC.
 MODEL: ENCLOSED GLOVE BOX
 INTERNAL DIMENSIONS: 40"L x 30"W x 61"H
 SOLVENT(S): PD 680

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [28F] Remote Reservoir Cleaners

BEC: APCD2026-CON-002328

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. The remote reservoir cleaner (degreaser) described above shall comply with all requirements of Rule 67.6.1. (Rule 67.6.1)
2. Permittee shall only use the non-HAP solvent listed in the equipment description of this permit. The material safety data sheet (MSDS) for the solvent used shall be maintained on site and available to the District upon request. (Rule 21 and 67.6.1 or 67.6.2, Subpart GG)
3. The remote reservoir cleaner (degreaser) described above shall be equipped with a cover that completely covers the sink or work area of the degreaser and a cover that completely covers the solvent container. These covers shall not be removed except when work or maintenance is being performed in the degreaser. (Rule 67.6.1)
4. The sink or work area of the degreaser shall have a freeboard height of at least 6 inches (15 cm). Freeboard height is the distance from the bottom of the sink or work area to the top of the sink or work area. (Rule 67.6.1)



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APCD2012-PTO-001309



5. The sink or work area of the degreaser shall be sloped towards the drain such that no pooling of solvent occurs in the sink or work area. (Rule 67.6.1)
6. The degreaser shall not be used for soaking parts. The solvent return opening of the sink or work area of the degreaser shall not be plugged or blocked. (Rule 67.6.1)
7. A permanent, conspicuous, and legible label listing the applicable operating requirements for the degreaser shall be posted on or near the degreaser. (Rule 67.6.1)
8. There shall be no liquid leaks from any portion of the degreaser. If a liquid leak is detected, the leak shall be repaired immediately or the degreaser shall be shut down and drained of solvent in a manner that minimizes emissions. (Rule 67.6.1)
9. The permittee shall not clean any porous or absorbent materials, such as cloth, leather, wood, or rope in the degreaser. (Rule 67.6.1)
10. Solvent spraying, when necessary, shall only be done using a continuous liquid stream at a low enough pressure that does not cause liquid solvent to splash outside of the sink or work area. Fine, atomized, or shower type spray shall not be used. (Rule 67.6.1)
11. Solvent agitation when necessary shall only be done using pump circulation, a mechanical mixer, or ultrasonic agitation. Air or gas bubble agitation shall not be used. (Rule 67.6.1)
12. The degreaser shall not be exposed to air currents or drafts greater than 131 feet (40 meters) per minute. (Rule 67.6.1)
13. The permittee shall minimize solvent carry-out from the degreaser by applying the following methods:
 - a. allowing full solvent drainage by placing parts on a rack or by other means,
 - b. tipping out any pools of solvent from cleaned parts before removal from the degreaser and,
 - c. allowing parts to dry within the degreaser until visually dry or dripping ceases. (Rule 67.6.1)
14. Waste solvent and any contaminated residue shall be recycled or disposed of according to requirements based on the California Health and Safety Code Division 20, Chapter 6.3 (beginning at section 25100) concerning hazardous waste disposal. (Rule 67.6.1)
15. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

16. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
17. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2022-PTO-004281

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EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Batch-Loaded Cold Solvent Cleaner
 Manufacturer: Graymills Corp
 Model: TRC2420
 Serial Number: 364306
 Internal Size: 39 inches long X 20.5 inches wide X 66 inches high
 Liquid Surface Area: 5.6 ft2
 Solvent: New II (Naphtha) - MIL PRF 680C (PD-680), See Attachment AA

Functional Group: Aircraft Repairs/Overhaul.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [28B] Cold Solvent Degreaser

BEC: APCD2013-CON-000706

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. The cold solvent cleaner (degreaser) described above shall comply with all requirements of Rule 67.6.1. (Rule 67.6.1)
2. Permittee shall only use the non-HAP solvents listed in the equipment description of this permit. (Rule 21 and 67.6.1 or 67.6.2, Subpart GG)



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App ID: APCD2015-APP-004084

PERMIT ID

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3. The degreaser described above shall be equipped with:
 - a. readily visible permanent mark or line indicating the maximum allowable solvent level to provide a freeboard ratio greater than or equal to 0.5. Freeboard ratio is the freeboard height divided by the smaller of the interior length or width of the degreaser tank. Freeboard height is the distance from the solvent-air interface to the top of the degreaser, based on inside tank dimensions.
 - b. a cover that completely covers the solvent and is easily operable with one hand or mechanically assisted. This cover shall not be removed except when work or maintenance is being performed in the degreaser.
 - c. a facility for draining parts such that the drained solvent returns to the container.
 - d. a permanent, conspicuous, and legible label listing the applicable operating requirements shall be posted on or near the degreaser. (Rule 67.6.1)
4. The permittee shall not allow the actual solvent level to be above the marked maximum solvent level line at any time. (Rule 67.6.1)
5. There shall be no liquid leaks from any portion of the degreaser. If a liquid leak is detected, the leak shall be repaired immediately or the degreaser shall be shut down and drained of solvent in a manner that minimizes emissions. (Rule 67.6.1)
6. The permittee shall not clean any porous or absorbent materials, such as cloth, leather, wood, or rope in the degreaser. (Rule 67.6.1)
7. Solvent spraying, when necessary, shall only be done using a continuous liquid stream at a low enough pressure that does not cause liquid solvent to splash outside of the sink or work area. Fine, atomized, or shower type spray shall not be used. (Rule 67.6.1)
8. Solvent agitation when necessary shall only be done using pump circulation, a mechanical mixer, or ultrasonic agitation. Air or gas bubble agitation shall not be used. (Rule 67.6.1)
9. The degreaser shall not be exposed to air currents or drafts greater than 131 feet (40 meters) per minute. (Rule 67.6.1)
10. The permittee shall minimize solvent carry-out from the degreaser by applying the following methods:
 - a. allowing full solvent drainage by placing parts on a rack or by other means,
 - b. tipping out any pools of solvent from cleaned parts before removal from the degreaser and,
 - c. allowing parts to dry within the degreaser until visually dry or dripping ceases. (Rule 67.6.1)
11. Waste solvent and any contaminated residue shall be recycled or disposed of according to requirements based on the California Health and Safety Code Division 20, Chapter 6.3 (beginning at section 25100) concerning hazardous waste disposal. (Rule 67.6.1)
12. Daily emissions from the above operation, averaged over one (1) calendar month, shall not exceed 10 pounds per day. The average daily emissions shall be calculated by dividing the total VOC emissions in a calendar month by the number of operating days in that calendar month. (Rule 20.3)
13. The permittee shall maintain the following records on site for five (5) years and make them available to the District upon request:
 - a. daily or monthly usage of solvents. If monthly records are kept the number of operating days per month shall also be maintained;
 - b. type and amounts of solvent added to each degreaser;
 - c. dates the solvent in used is added to and removed from each degreaser;
 - d. current material safety data sheets (MSDS) or manufacturer specifications for the solvent in use. The MSDS and/or manufacturer's specifications shall, at minimum, contain the following information for the solvent in use: manufacturer name and identification, solvent composition (including each ingredient and its percentages), VOC content, as used, and density. (Rule 67.6.1 or 67.6.2 and Rule 1421, Subpart GG)
14. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]



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App ID: APCD2015-APP-004084

PERMIT ID

APCD2022-PTO-004281



B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

15. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
16. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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Site ID: APCD1978-SITE-02756
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PERMIT ID

APCD2022-PTO-004282

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 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Batch-Loaded Cold Solvent Cleaner
 Manufacturer: Graymills Corp
 Model: 500-A
 Serial Number: IM9U7
 Internal Size: 44 inches long X 21.5 inches wide X 58 inches high
 Liquid Surface Area: 6.6 ft²
 Solvent: New II (Naphtha) - MIL PRF 680C (PD-680), See Attachment AA

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [28B] Cold Solvent Degreaser

BEC: APCD2013-CON-000706

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. The cold solvent cleaner (degreaser) described above shall comply with all requirements of Rule 67.6.1. (Rule 67.6.1)
2. Permittee shall only use the non-HAP solvents listed in the equipment description of this permit. (Rule 21 and 67.6.1 or 67.6.2, Subpart GG)



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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2022-PTO-004282


3. The degreaser described above shall be equipped with:
 - a. readily visible permanent mark or line indicating the maximum allowable solvent level to provide a freeboard ratio greater than or equal to 0.5. Freeboard ratio is the freeboard height divided by the smaller of the interior length or width of the degreaser tank. Freeboard height is the distance from the solvent-air interface to the top of the degreaser, based on inside tank dimensions.
 - b. a cover that completely covers the solvent and is easily operable with one hand or mechanically assisted. This cover shall not be removed except when work or maintenance is being performed in the degreaser.
 - c. a facility for draining parts such that the drained solvent returns to the container.
 - d. a permanent, conspicuous, and legible label listing the applicable operating requirements shall be posted on or near the degreaser. (Rule 67.6.1)
4. The permittee shall not allow the actual solvent level to be above the marked maximum solvent level line at any time. (Rule 67.6.1)
5. There shall be no liquid leaks from any portion of the degreaser. If a liquid leak is detected, the leak shall be repaired immediately or the degreaser shall be shut down and drained of solvent in a manner that minimizes emissions. (Rule 67.6.1)
6. The permittee shall not clean any porous or absorbent materials, such as cloth, leather, wood, or rope in the degreaser. (Rule 67.6.1)
7. Solvent spraying, when necessary, shall only be done using a continuous liquid stream at a low enough pressure that does not cause liquid solvent to splash outside of the sink or work area. Fine, atomized, or shower type spray shall not be used. (Rule 67.6.1)
8. Solvent agitation when necessary shall only be done using pump circulation, a mechanical mixer, or ultrasonic agitation. Air or gas bubble agitation shall not be used. (Rule 67.6.1)
9. The degreaser shall not be exposed to air currents or drafts greater than 131 feet (40 meters) per minute. (Rule 67.6.1)
10. The permittee shall minimize solvent carry-out from the degreaser by applying the following methods:
 - a. allowing full solvent drainage by placing parts on a rack or by other means,
 - b. tipping out any pools of solvent from cleaned parts before removal from the degreaser and,
 - c. allowing parts to dry within the degreaser until visually dry or dripping ceases. (Rule 67.6.1)
11. Waste solvent and any contaminated residue shall be recycled or disposed of according to requirements based on the California Health and Safety Code Division 20, Chapter 6.3 (beginning at section 25100) concerning hazardous waste disposal. (Rule 67.6.1)
12. Average daily VOC emissions from the above operation shall not exceed 10 pounds per day. Average daily emissions shall be calculated each time solvent is added to the unit by dividing the total VOC emissions which may result from the added solvent, after deduction of any waste solvent removed from the unit, by the number of operating days since solvent was last added to the unit. (Rule 20.3)
13. The permittee shall maintain the following records on site for five (5) years and make them available to the District upon request:
 - a. daily average VOC emissions calculated in accordance with this permit.
 - b. type and amounts of solvent added to each degreaser, and if included in calculations, amount removed and sent to waste;
 - c. dates the solvent in use is added to and removed from each degreaser;
 - d. dates the equipment is operated
 - e. current material safety data sheets (MSDS) or manufacturer specifications for the solvent in use. The MSDS and/or manufacturer's specifications shall, at minimum, contain the following information for the solvent in use: manufacturer name and identification, solvent composition (including each ingredient and its percentages), VOC content, as used, and density. (Rule 67.6.1 or 67.6.2 and Rule 1421, Subpart GG)



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Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2022-PTO-004282


14. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

15. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
16. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2008-PTO-004969


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EQUIPMENT ADDRESS

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PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

COLD SOLVENT DEGREASER, BEARING, (22.4 SQ FT TOTAL SURFACE AREA) WITH (4) AUTOMATIC PNEUMATIC AGITATOR TANKS MANUFACTURER: MAGNUS AJALIF
 DIMENSIONS EACH: 35" X 23" X 39"D
 COVER PA#S: 005074, 005075, 005076 AND 005077
 SOLVENT(S): PD 680 AND LUBE OIL
 ALL LOCATED AT BLDG 472

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [28B] Cold Solvent Degreaser
 3 [28B] Cold Solvent Degreaser

BEC: APCD2026-CON-002327

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. The cold solvent cleaner (degreaser) described above shall comply with all requirements of Rule 67.6.1. (Rule 67.6.1)
2. Permittee shall only use the non-HAP solvent listed in the equipment description of this permit. The material safety data sheet (MSDS) for the solvent used shall be maintained on site and available to the District upon request. (Rule 21 and 67.6.1 or 67.6.2, Subpart GG)



COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
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Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2008-PTO-004969


3. The degreaser described above shall be equipped with:
 - a. readily visible permanent mark or line indicating the maximum allowable solvent level to provide a freeboard ratio greater than or equal to 0.5. Freeboard ratio is the freeboard height divided by the smaller of the interior length or width of the degreaser tank. Freeboard height is the distance from the solvent-air interface to the top of the degreaser, based on inside tank dimensions.
 - b. a cover that completely covers the solvent and is easily operable with one hand or mechanically assisted. This cover shall not be removed except when work or maintenance is being performed in the degreaser.
 - c. a facility for draining parts such that the drained solvent returns to the container.
 - d. a permanent, conspicuous, and legible label listing the applicable operating requirements shall be posted on or near the degreaser. (Rule 67.6.1)
4. The permittee shall not allow the actual solvent level to be above the marked maximum solvent level line at any time. (Rule 67.6.1)
5. There shall be no liquid leaks from any portion of the degreaser. If a liquid leak is detected, the leak shall be repaired immediately or the degreaser shall be shut down and drained of solvent in a manner that minimizes emissions. (Rule 67.6.1)
6. The permittee shall not clean any porous or absorbent materials, such as cloth, leather, wood, or rope in the degreaser. (Rule 67.6.1)
7. Solvent spraying, when necessary, shall only be done using a continuous liquid stream at a low enough pressure that does not cause liquid solvent to splash outside of the sink or work area. Fine, atomized, or shower type spray shall not be used. (Rule 67.6.1)
8. Solvent agitation when necessary shall only be done using pump circulation, a mechanical mixer, or ultrasonic agitation. Air or gas bubble agitation shall not be used. (Rule 67.6.1)
9. The degreaser shall not be exposed to air currents or drafts greater than 131 feet (40 meters) per minute. (Rule 67.6.1)
10. The permittee shall minimize solvent carry-out from the degreaser by applying the following methods:
 - a. allowing full solvent drainage by placing parts on a rack or by other means,
 - b. tipping out any pools of solvent from cleaned parts before removal from the degreaser and,
 - c. allowing parts to dry within the degreaser until visually dry or dripping ceases. (Rule 67.6.1)
11. Waste solvent and any contaminated residue shall be recycled or disposed of according to requirements based on the California Health and Safety Code Division 20, Chapter 6.3 (beginning at section 25100) concerning hazardous waste disposal. (Rule 67.6.1)
12. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

13. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
14. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2008-PTO-004989


Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

COLD SOLVENT DEGREASER (8 SQ FT SURFACE) (AGITATED SPRAY TYPE) :
 MANUFACTURER: KLEER FLO
 DIMENSIONS: 23" X 44 1/2" X 3'D
 SOLVENT(S): PD 680

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [28B] Cold Solvent Degreaser

BEC: APCD2026-CON-002327

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. The cold solvent cleaner (degreaser) described above shall comply with all requirements of Rule 67.6.1. (Rule 67.6.1)
2. Permittee shall only use the non-HAP solvent listed in the equipment description of this permit. The material safety data sheet (MSDS) for the solvent used shall be maintained on site and available to the District upon request. (Rule 21 and 67.6.1 or 67.6.2, Subpart GG)



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Site ID: APCD1978-SITE-02756
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3. The degreaser described above shall be equipped with:
 - a. readily visible permanent mark or line indicating the maximum allowable solvent level to provide a freeboard ratio greater than or equal to 0.5. Freeboard ratio is the freeboard height divided by the smaller of the interior length or width of the degreaser tank. Freeboard height is the distance from the solvent-air interface to the top of the degreaser, based on inside tank dimensions.
 - b. a cover that completely covers the solvent and is easily operable with one hand or mechanically assisted. This cover shall not be removed except when work or maintenance is being performed in the degreaser.
 - c. a facility for draining parts such that the drained solvent returns to the container.
 - d. a permanent, conspicuous, and legible label listing the applicable operating requirements shall be posted on or near the degreaser. (Rule 67.6.1)
4. The permittee shall not allow the actual solvent level to be above the marked maximum solvent level line at any time. (Rule 67.6.1)
5. There shall be no liquid leaks from any portion of the degreaser. If a liquid leak is detected, the leak shall be repaired immediately or the degreaser shall be shut down and drained of solvent in a manner that minimizes emissions. (Rule 67.6.1)
6. The permittee shall not clean any porous or absorbent materials, such as cloth, leather, wood, or rope in the degreaser. (Rule 67.6.1)
7. Solvent spraying, when necessary, shall only be done using a continuous liquid stream at a low enough pressure that does not cause liquid solvent to splash outside of the sink or work area. Fine, atomized, or shower type spray shall not be used. (Rule 67.6.1)
8. Solvent agitation when necessary shall only be done using pump circulation, a mechanical mixer, or ultrasonic agitation. Air or gas bubble agitation shall not be used. (Rule 67.6.1)
9. The degreaser shall not be exposed to air currents or drafts greater than 131 feet (40 meters) per minute. (Rule 67.6.1)
10. The permittee shall minimize solvent carry-out from the degreaser by applying the following methods:
 - a. allowing full solvent drainage by placing parts on a rack or by other means,
 - b. tipping out any pools of solvent from cleaned parts before removal from the degreaser and,
 - c. allowing parts to dry within the degreaser until visually dry or dripping ceases. (Rule 67.6.1)
11. Waste solvent and any contaminated residue shall be recycled or disposed of according to requirements based on the California Health and Safety Code Division 20, Chapter 6.3 (beginning at section 25100) concerning hazardous waste disposal. (Rule 67.6.1)
12. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

13. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
14. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.)



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Site ID: APCD1978-SITE-02756
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PERMIT ID

APCD2003-PTO-005402


Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Aerospace depainting operation utilizing spray and hand application methods to apply stripping agents, consisting of one (1) custom-made stripping cell: Dimensions - 83' L x 55' W x 26' H; Equipped with an exhaust system consisting of a two-stage particulate filter system with filter stages certified by the manufacturer to meet the requirements of MERV 6 and MERV 11, respectively, or higher; Exhaust flow: 38,700 cfm; Located in Building 467.

Functional Group: Aircraft Repairs/Overhaul.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [91A] Miscellaneous

BEC: APCD2018-CON-001421

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. HAP-containing chemical strippers shall only be used under this permit to conduct spot-stripping or decal removal of military aircraft as defined in 40 CFR 63 Subpart GG, or in the event of a malfunction of non-chemical based equipment. For usage in the event of a malfunction, HAP-containing chemical strippers shall be used for a maximum of 15 calendar days per year. On an annual average basis, the permittee shall not use more than 50 gallons of organic HAP-containing chemical strippers or alternatively, 365 pounds of organic HAPs per military aircraft depainted for spot stripping and decal removal. Radomes and parts or units normally removed from the aerospace vehicle for depainting are exempt from these requirements except for wings and stabilizers. (40 CFR 63 subpart GG 63.746(a))
2. Aerospace stripping materials shall meet one of the following requirements:
 - a. the VOC content does not exceed 400 grams per liter; or
 - b. the total VOC vapor pressure shall be 9.5 mm Hg or less at 20 C (68°F). (Rule 67.9)



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Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

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3. Except for cleaning operations exempt in accordance with 63.744(e), hand wipe Aerospace Cleaning Operations shall comply with one of the following requirements:
 - a. They shall be conducted using materials that do not contain HAP, or
 - b. Utilize materials that have a composite vapor pressure of 45 mm Hg (24.1 in. H₂O) or less at 20 °C (68 °F), or
 - c. Aqueous cleaning solvents in which water is the primary ingredient (=80 percent of cleaning solvent solution as applied must be water).
(40 CFR 63 Subpart GG 63.744)
4. The applicable test methods listed in 40 CFR Part 63.750 shall be used to determine compliance with the applicable standards of 40 CFR part 63.744.
5. Solvent-laden cloth, paper, or any other absorbent applicators used for cleaning operations shall be placed in bags or other closed containers. These bags and containers shall be kept closed at all times except when depositing or removing these materials from the container. Bags and containers shall be of such design so as to contain the vapors of the cleaning solvent. Cotton-tipped swabs used for very small cleaning operations are exempt from this requirement. (40 CFR 63 Subpart GG 63.744)
7. The permittee shall conduct all handling and transfer of VOC-containing materials and HAP-containing waste to and from containers, tanks, vats, drums, and piping system in a manner to minimize spills. (40 CFR 63 subpart GG 63.744 & 63.748)
8. All containers, tanks, vats, drums, and piping systems shall be maintained free of cracks, holes, and other defects and remain closed unless materials are being added to or removed from them. (40 CFR 63 Subpart GG 63.744)
9. On a semi annual basis, the permittee shall report to the District and EPA any instance where a non-compliant cleaning solvent is used for a non-exempt hand wipe cleaning related to aerospace operations. In addition the permittee shall report a list of any new cleaning solvents used for hand wipe cleaning used in aerospace operations and provide information on the composite vapor pressure of the new solvent. (40 CFR 63 Subpart GG 63.753(b))
10. On a semiannual basis, the permittee shall report to the District and EPA the following information: any new chemical strippers used at the facility during the previous six months. The organic HAP content of these new chemical strippers, a list of new and discontinued aircraft models depainted at the facility over the previous six months and a list of parts normally removed for depainting for each new aircraft model being depainted. (40 CFR 63 Subpart GG 63.753(d))
11. On an annual basis, the permittee shall report to the District and EPA the instances where spot stripping or decal removal operations in excess of the above limits occurred. (40 CFR 63 Subpart GG 63.753(d)(2))
12. The permittee shall maintain records for the operation described above in accordance with Rule 67.9 and NESHAP GG. These records shall be maintained on site for at least five (5) years and shall be made readily available to the District upon request. The records shall include the following information:
 - a. current list of all materials containing VOC and/or HAPs (including strippers and solvents). This list shall provide the data necessary to evaluate compliance, including but not limited to:
 - 1) Mix ratio of components; and
 - 2) VOC content per volume of material and total vapor pressure of each material, as applied, to demonstrate compliance with Rule 67.9 and NESHAP GG;
 - b. the annual number of aircraft stripped;
 - c. current material safety data sheets (MSDS) or manufacturer's specifications for all materials used. The MSDS or manufacturer's specifications, or a combination thereof shall, at a minimum, contain the following information: VOC content weight or weight percentage, TAC content weight or weight percentage, and the organic HAP content for each material;
 - d. monthly usage records of each solvent and organic HAP containing stripper material
 - e. manufacturer data on the exhaust filter's efficiency.
[Rule 67.9, 40 CFR 63 Subpart GG]
13. For each type of aircraft de-painted the permittee shall record a listing of the parts, subassemblies, and assemblies normally removed from the aircraft before de-painting. (40 CFR 63 Subpart GG)



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14. If requested by the District or EPA, the applicable test methods listed in Rule 67.9 Section (G) shall be used to determine compliance with the applicable standards of Rule 67.9 Section (D). (40 CFR 63 Subpart GG)
15. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

6. The overspray filter stages shall be certified by the manufacturer to meet the requirements of (Minimum Efficiency Reporting Value) MERV 6 and MERV 11, respectively. Alternatively, each filter shall be certified at a higher MERV value. Each filter shall be certified by in accordance with ANSI/ASHRAE Standard 52.2-2007 "Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size". [Rule 1200]
16. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
17. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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Site ID: APCD1978-SITE-02756
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PERMIT ID

APCD2003-PTO-005403


Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Aerospace depainting operation utilizing spray and hand application methods to apply stripping agents, consisting of one (1) custom-made stripping cell: Dimensions - 83' L x 55' W x 26' H; Equipped with an exhaust system consisting of a two-stage particulate filter system with filter stages certified by the manufacturer to meet the requirements of MERV 6 and MERV 11, respectively, or higher; Exhaust flow: 38,700 cfm; Located in Building 467.

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [91A] Miscellaneous

BEC: APCD2018-CON-001421

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. HAP-containing chemical strippers shall only be used under this permit to conduct spot-stripping or decal removal of military aircraft as defined in 40 CFR 63 Subpart GG, or in the event of a malfunction of non-chemical based equipment. For usage in the event of a malfunction, HAP-containing chemical strippers shall be used for a maximum of 15 calendar days per year. On an annual average basis, the permittee shall not use more than 50 gallons of organic HAP-containing chemical strippers or alternatively, 365 pounds of organic HAPs per military aircraft depainted for spot stripping and decal removal. Radomes and parts or units normally removed from the aerospace vehicle for depainting are exempt from these requirements except for wings and stabilizers. (40 CFR 63 subpart GG 63.746(a))
2. Aerospace stripping materials shall meet one of the following requirements:
 - a. the VOC content does not exceed 400 grams per liter; or
 - b. the total VOC vapor pressure shall be 9.5 mm Hg or less at 20 C (68°F). (Rule 67.9)



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Site ID: APCD1978-SITE-02756
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PERMIT ID

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3. Except for cleaning operations exempt in accordance with 63.744(e), hand wipe Aerospace Cleaning Operations shall comply with one of the following requirements:
 - a. They shall be conducted using materials that do not contain HAP, or
 - b. Utilize materials that have a composite vapor pressure of 45 mm Hg (24.1 in. H₂O) or less at 20 °C (68 °F), or
 - c. Aqueous cleaning solvents in which water is the primary ingredient (=80 percent of cleaning solvent solution as applied must be water).
(40 CFR 63 Subpart GG 63.744)
4. The applicable test methods listed in 40 CFR Part 63.750 shall be used to determine compliance with the applicable standards of 40 CFR part 63.744.
5. Solvent-laden cloth, paper, or any other absorbent applicators used for cleaning operations shall be placed in bags or other closed containers. These bags and containers shall be kept closed at all times except when depositing or removing these materials from the container. Bags and containers shall be of such design so as to contain the vapors of the cleaning solvent. Cotton-tipped swabs used for very small cleaning operations are exempt from this requirement. (40 CFR 63 Subpart GG 63.744)
7. The permittee shall conduct all handling and transfer of VOC-containing materials and HAP-containing waste to and from containers, tanks, vats, drums, and piping system in a manner to minimize spills. (40 CFR 63 subpart GG 63.744 & 63.748)
8. All containers, tanks, vats, drums, and piping systems shall be maintained free of cracks, holes, and other defects and remain closed unless materials are being added to or removed from them. (40 CFR 63 subpart GG 63.744)
9. On a semi annual basis, the permittee shall report to the District and EPA any instance where a non-compliant cleaning solvent is used for a non-exempt hand wipe cleaning related to aerospace operations. In addition the permittee shall report a list of any new cleaning solvents used for hand wipe cleaning used in aerospace operations and provide information on the composite vapor pressure of the new solvent. (40 CFR 63 subpart GG 63.753(b))
10. On a semiannual basis, the permittee shall report to the District and EPA the following information: any new chemical strippers used at the facility during the previous six months. The organic HAP content of these new chemical strippers, a list of new and discontinued aircraft models depainted at the facility over the previous six months and a list of parts normally removed for depainting for each new aircraft model being depainted. (40 CFR 63 subpart GG 63.753(d))
11. On an annual basis, the permittee shall report to the District and EPA the instances where spot stripping or decal removal operations in excess of the above limits occurred. (40 CFR 63 subpart GG 63.753(d)(2))
12. The permittee shall maintain records for the operation described above in accordance with Rule 67.9 and NESHAP GG. These records shall be maintained on site for at least five (5) years and shall be made readily available to the District upon request. The records shall include the following information:
 - a. current list of all materials containing VOC and/or HAPs (including strippers and solvents). This list shall provide the data necessary to evaluate compliance, including but not limited to:
 - 1) Mix ratio of components; and
 - 2) VOC content per volume of material and total vapor pressure of each material, as applied, to demonstrate compliance with Rule 67.9 and NESHAP GG;
 - b. the annual number of aircraft stripped;
 - c. current material safety data sheets (MSDS) or manufacturer's specifications for all materials used. The MSDS or manufacturer's specifications, or a combination thereof shall, at a minimum, contain the following information: VOC content weight or weight percentage, TAC content weight or weight percentage, and the organic HAP content for each material;
 - d. monthly usage records of each solvent and organic HAP containing stripper material
 - e. manufacturer data on the exhaust filter's efficiency.[Rule 67.9, 40 CFR 63 Subpart GG]
13. For each type of aircraft de-painted the permittee shall record a listing of the parts, subassemblies, and assemblies normally removed from the aircraft before de-painting. (40 CFR 63 subpart GG 63.753(d))



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14. If requested by the District or EPA, the applicable test methods listed in Rule 67.9 Section (G) shall be used to determine compliance with the applicable standards of Rule 67.9 Section (D).
15. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

6. The overspray filter stages shall be certified by the manufacturer to meet the requirements of (Minimum Efficiency Reporting Value) MERV 6 and MERV 11, respectively. Alternatively, each filter shall be certified at a higher MERV value. Each filter shall be certified by in accordance with ANSI/ASHRAE Standard 52.2-2007 "Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size". [Rule 1200]
16. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
17. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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PERMIT ID

APCD2008-PTO-005481

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EQUIPMENT ADDRESS

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PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Cold Solvent Degreaser
 Manufacturer: Magnus Model 4AL
 Dimensions: 36x42x39 inches;
 Solvent: PD 680, as listed on Attachment AA
 Located in Bldg 472

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [28B] Cold Solvent Degreaser

BEC: APCD2026-CON-002327

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. The cold solvent cleaner (degreaser) described above shall comply with all requirements of Rule 67.6.1. (Rule 67.6.1)
2. Permittee shall only use the non-HAP solvent listed in the equipment description of this permit. The material safety data sheet (MSDS) for the solvent used shall be maintained on site and available to the District upon request. (Rule 21 and 67.6.1 or 67.6.2, Subpart GG)



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PERMIT ID

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3. The degreaser described above shall be equipped with:
 - a. readily visible permanent mark or line indicating the maximum allowable solvent level to provide a freeboard ratio greater than or equal to 0.5. Freeboard ratio is the freeboard height divided by the smaller of the interior length or width of the degreaser tank. Freeboard height is the distance from the solvent-air interface to the top of the degreaser, based on inside tank dimensions.
 - b. a cover that completely covers the solvent and is easily operable with one hand or mechanically assisted. This cover shall not be removed except when work or maintenance is being performed in the degreaser.
 - c. a facility for draining parts such that the drained solvent returns to the container.
 - d. a permanent, conspicuous, and legible label listing the applicable operating requirements shall be posted on or near the degreaser. (Rule 67.6.1)
4. The permittee shall not allow the actual solvent level to be above the marked maximum solvent level line at any time. (Rule 67.6.1)
5. There shall be no liquid leaks from any portion of the degreaser. If a liquid leak is detected, the leak shall be repaired immediately or the degreaser shall be shut down and drained of solvent in a manner that minimizes emissions. (Rule 67.6.1)
6. The permittee shall not clean any porous or absorbent materials, such as cloth, leather, wood, or rope in the degreaser. (Rule 67.6.1)
7. Solvent spraying, when necessary, shall only be done using a continuous liquid stream at a low enough pressure that does not cause liquid solvent to splash outside of the sink or work area. Fine, atomized, or shower type spray shall not be used. (Rule 67.6.1)
8. Solvent agitation when necessary shall only be done using pump circulation, a mechanical mixer, or ultrasonic agitation. Air or gas bubble agitation shall not be used. (Rule 67.6.1)
9. The degreaser shall not be exposed to air currents or drafts greater than 131 feet (40 meters) per minute. (Rule 67.6.1)
10. The permittee shall minimize solvent carry-out from the degreaser by applying the following methods:
 - a. allowing full solvent drainage by placing parts on a rack or by other means,
 - b. tipping out any pools of solvent from cleaned parts before removal from the degreaser and,
 - c. allowing parts to dry within the degreaser until visually dry or dripping ceases. (Rule 67.6.1)
11. Waste solvent and any contaminated residue shall be recycled or disposed of according to requirements based on the California Health and Safety Code Division 20, Chapter 6.3 (beginning at section 25100) concerning hazardous waste disposal. (Rule 67.6.1)
12. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

13. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
14. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131-1649
PHONE (858) 586-2600 Fax (858) 586-2601
www.sdapcd.org

PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2008-PTO-005512


Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

This permit is not valid until required fees are received by the District.

The above is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This Permit To Operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program PO Box 357058 Code 52100 Bldg 90-2, San Diego, CA 92135

EQUIPMENT DESCRIPTION

Cold Solvent Degreaser, Portable (7.5 Sqft Surface):
 Manufacturer: Graymills
 Model: 900A
 Dimensions: 49" L x 31" W x 69"H
 Solvent(S): PD680
 In Bldn. 379

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [28B] Cold Solvent Degreaser

BEC: APCD2026-CON-002327

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. The cold solvent cleaner (degreaser) described above shall comply with all requirements of Rule 67.6.1. (Rule 67.6.1)
2. Permittee shall only use the non-HAP solvent listed in the equipment description of this permit. The material safety data sheet (MSDS) for the solvent used shall be maintained on site and available to the District upon request. (Rule 21 and 67.6.1 or 67.6.2, Subpart GG)



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Site ID: APCD1978-SITE-02756
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PERMIT ID

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3. The degreaser described above shall be equipped with:
 - a. readily visible permanent mark or line indicating the maximum allowable solvent level to provide a freeboard ratio greater than or equal to 0.5. Freeboard ratio is the freeboard height divided by the smaller of the interior length or width of the degreaser tank. Freeboard height is the distance from the solvent-air interface to the top of the degreaser, based on inside tank dimensions.
 - b. a cover that completely covers the solvent and is easily operable with one hand or mechanically assisted. This cover shall not be removed except when work or maintenance is being performed in the degreaser.
 - c. a facility for draining parts such that the drained solvent returns to the container.
 - d. a permanent, conspicuous, and legible label listing the applicable operating requirements shall be posted on or near the degreaser. (Rule 67.6.1)
4. The permittee shall not allow the actual solvent level to be above the marked maximum solvent level line at any time. (Rule 67.6.1)
5. There shall be no liquid leaks from any portion of the degreaser. If a liquid leak is detected, the leak shall be repaired immediately or the degreaser shall be shut down and drained of solvent in a manner that minimizes emissions. (Rule 67.6.1)
6. The permittee shall not clean any porous or absorbent materials, such as cloth, leather, wood, or rope in the degreaser. (Rule 67.6.1)
7. Solvent spraying, when necessary, shall only be done using a continuous liquid stream at a low enough pressure that does not cause liquid solvent to splash outside of the sink or work area. Fine, atomized, or shower type spray shall not be used. (Rule 67.6.1)
8. Solvent agitation when necessary shall only be done using pump circulation, a mechanical mixer, or ultrasonic agitation. Air or gas bubble agitation shall not be used. (Rule 67.6.1)
9. The degreaser shall not be exposed to air currents or drafts greater than 131 feet (40 meters) per minute. (Rule 67.6.1)
10. The permittee shall minimize solvent carry-out from the degreaser by applying the following methods:
 - a. allowing full solvent drainage by placing parts on a rack or by other means,
 - b. tipping out any pools of solvent from cleaned parts before removal from the degreaser and,
 - c. allowing parts to dry within the degreaser until visually dry or dripping ceases. (Rule 67.6.1)
11. Waste solvent and any contaminated residue shall be recycled or disposed of according to requirements based on the California Health and Safety Code Division 20, Chapter 6.3 (beginning at section 25100) concerning hazardous waste disposal. (Rule 67.6.1)
12. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

13. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
14. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2008-PTO-006409

Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

COLD SOLVENT DEGREASER (7 SQ FT SURFACE):
 MANUFACTURER: KLEER FLO
 MODEL: 90
 DIMENSIONS: 23" X 44 1/2" X 3.2'H
 SOLVENT(S): PD680
 IN BLDG 472

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [28B] Cold Solvent Degreaser

BEC: APCD2026-CON-002327

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. The cold solvent cleaner (degreaser) described above shall comply with all requirements of Rule 67.6.1. (Rule 67.6.1)
2. Permittee shall only use the non-HAP solvent listed in the equipment description of this permit. The material safety data sheet (MSDS) for the solvent used shall be maintained on site and available to the District upon request. (Rule 21 and 67.6.1 or 67.6.2, Subpart GG)



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Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2008-PTO-006409


3. The degreaser described above shall be equipped with:
 - a. readily visible permanent mark or line indicating the maximum allowable solvent level to provide a freeboard ratio greater than or equal to 0.5. Freeboard ratio is the freeboard height divided by the smaller of the interior length or width of the degreaser tank. Freeboard height is the distance from the solvent-air interface to the top of the degreaser, based on inside tank dimensions.
 - b. a cover that completely covers the solvent and is easily operable with one hand or mechanically assisted. This cover shall not be removed except when work or maintenance is being performed in the degreaser.
 - c. a facility for draining parts such that the drained solvent returns to the container.
 - d. a permanent, conspicuous, and legible label listing the applicable operating requirements shall be posted on or near the degreaser. (Rule 67.6.1)
4. The permittee shall not allow the actual solvent level to be above the marked maximum solvent level line at any time. (Rule 67.6.1)
5. There shall be no liquid leaks from any portion of the degreaser. If a liquid leak is detected, the leak shall be repaired immediately or the degreaser shall be shut down and drained of solvent in a manner that minimizes emissions. (Rule 67.6.1)
6. The permittee shall not clean any porous or absorbent materials, such as cloth, leather, wood, or rope in the degreaser. (Rule 67.6.1)
7. Solvent spraying, when necessary, shall only be done using a continuous liquid stream at a low enough pressure that does not cause liquid solvent to splash outside of the sink or work area. Fine, atomized, or shower type spray shall not be used. (Rule 67.6.1)
8. Solvent agitation when necessary shall only be done using pump circulation, a mechanical mixer, or ultrasonic agitation. Air or gas bubble agitation shall not be used. (Rule 67.6.1)
9. The degreaser shall not be exposed to air currents or drafts greater than 131 feet (40 meters) per minute. (Rule 67.6.1)
10. The permittee shall minimize solvent carry-out from the degreaser by applying the following methods:
 - a. allowing full solvent drainage by placing parts on a rack or by other means,
 - b. tipping out any pools of solvent from cleaned parts before removal from the degreaser and,
 - c. allowing parts to dry within the degreaser until visually dry or dripping ceases. (Rule 67.6.1)
11. Waste solvent and any contaminated residue shall be recycled or disposed of according to requirements based on the California Health and Safety Code Division 20, Chapter 6.3 (beginning at section 25100) concerning hazardous waste disposal. (Rule 67.6.1)
12. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

13. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
14. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]



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Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2009-PTO-006416

Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

PERMIT TO OPERATE

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

COLD SOLVENT DEGREASER (7 SQ FT SURFACE):
 MANUFACTURER: KLEER FLO
 MODEL: 90
 DIMENSIONS: 23" X 44 1/2" X 3.2'H
 SOLVENT(S): PD 680
 IN BLDG 472

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [28B] Cold Solvent Degreaser

BEC: APCD2026-CON-002327

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. The cold solvent cleaner (degreaser) described above shall comply with all requirements of Rule 67.6.1. (Rule 67.6.1)
2. Permittee shall only use the non-HAP solvent listed in the equipment description of this permit. The material safety data sheet (MSDS) for the solvent used shall be maintained on site and available to the District upon request. (Rule 21 and 67.6.1 or 67.6.2, Subpart GG)



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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2009-PTO-006416


3. The degreaser described above shall be equipped with:
 - a. readily visible permanent mark or line indicating the maximum allowable solvent level to provide a freeboard ratio greater than or equal to 0.5. Freeboard ratio is the freeboard height divided by the smaller of the interior length or width of the degreaser tank. Freeboard height is the distance from the solvent-air interface to the top of the degreaser, based on inside tank dimensions.
 - b. a cover that completely covers the solvent and is easily operable with one hand or mechanically assisted. This cover shall not be removed except when work or maintenance is being performed in the degreaser.
 - c. a facility for draining parts such that the drained solvent returns to the container.
 - d. a permanent, conspicuous, and legible label listing the applicable operating requirements shall be posted on or near the degreaser. (Rule 67.6.1)
4. The permittee shall not allow the actual solvent level to be above the marked maximum solvent level line at any time. (Rule 67.6.1)
5. There shall be no liquid leaks from any portion of the degreaser. If a liquid leak is detected, the leak shall be repaired immediately or the degreaser shall be shut down and drained of solvent in a manner that minimizes emissions. (Rule 67.6.1)
6. The permittee shall not clean any porous or absorbent materials, such as cloth, leather, wood, or rope in the degreaser. (Rule 67.6.1)
7. Solvent spraying, when necessary, shall only be done using a continuous liquid stream at a low enough pressure that does not cause liquid solvent to splash outside of the sink or work area. Fine, atomized, or shower type spray shall not be used. (Rule 67.6.1)
8. Solvent agitation when necessary shall only be done using pump circulation, a mechanical mixer, or ultrasonic agitation. Air or gas bubble agitation shall not be used. (Rule 67.6.1)
9. The degreaser shall not be exposed to air currents or drafts greater than 131 feet (40 meters) per minute. (Rule 67.6.1)
10. The permittee shall minimize solvent carry-out from the degreaser by applying the following methods:
 - a. allowing full solvent drainage by placing parts on a rack or by other means,
 - b. tipping out any pools of solvent from cleaned parts before removal from the degreaser and,
 - c. allowing parts to dry within the degreaser until visually dry or dripping ceases. (Rule 67.6.1)
11. Waste solvent and any contaminated residue shall be recycled or disposed of according to requirements based on the California Health and Safety Code Division 20, Chapter 6.3 (beginning at section 25100) concerning hazardous waste disposal. (Rule 67.6.1)
12. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

13. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
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PORTABLE

Site ID: APCD1978-SITE-02756
App ID: APCD2015-APP-004084

PERMIT ID

APCD2008-PTO-007051

Fleet Readiness Center Southwest / Co
 Program Manager Dr. Shekar Viswanath
 P.O. Box 357058, Code KN61 , Bldg 90-
 San Diego CA, 92135-7058

EQUIPMENT ADDRESS

Fleet Readiness Center
 Dr. Shekar Viswanathan
 NAS North Island
 San Diego CA 92135-7058

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EQUIPMENT OWNER

Fleet Readiness Center Southwest, Environmental Program P.O. Box 357058, Code 52100, San Diego, CA 92135

EQUIPMENT DESCRIPTION

COLD SOLVENT DEGREASER: (7 SQ FT SURFACE)
 MANUFACTURER: KLEER FLO
 MODEL: 90
 DIMESNIONS: 3.66' X 1.9' X 3.2'H
 SOLVENT(S): PD 680
 IN BLDG 472

Every person who owns or operates this equipment is required to comply with the conditions listed below and all applicable requirements and District rules, including but not limited to Rules 10, 20, 40, 50, 51.

Fee Schedules: 1 [28B] Cold Solvent Degreaser

BEC: APCD2026-CON-002327

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. The cold solvent cleaner (degreaser) described above shall comply with all requirements of Rule 67.6.1. (Rule 67.6.1)
2. Permittee shall only use the non-HAP solvent listed in the equipment description of this permit. The material safety data sheet (MSDS) for the solvent used shall be maintained on site and available to the District upon request. (Rule 21 and 67.6.1 or 67.6.2, Subpart GG)



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PERMIT ID

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3. The degreaser described above shall be equipped with:
 - a. readily visible permanent mark or line indicating the maximum allowable solvent level to provide a freeboard ratio greater than or equal to 0.5. Freeboard ratio is the freeboard height divided by the smaller of the interior length or width of the degreaser tank. Freeboard height is the distance from the solvent-air interface to the top of the degreaser, based on inside tank dimensions.
 - b. a cover that completely covers the solvent and is easily operable with one hand or mechanically assisted. This cover shall not be removed except when work or maintenance is being performed in the degreaser.
 - c. a facility for draining parts such that the drained solvent returns to the container.
 - d. a permanent, conspicuous, and legible label listing the applicable operating requirements shall be posted on or near the degreaser. (Rule 67.6.1)
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9. The degreaser shall not be exposed to air currents or drafts greater than 131 feet (40 meters) per minute. (Rule 67.6.1)
10. The permittee shall minimize solvent carry-out from the degreaser by applying the following methods:
 - a. allowing full solvent drainage by placing parts on a rack or by other means,
 - b. tipping out any pools of solvent from cleaned parts before removal from the degreaser and,
 - c. allowing parts to dry within the degreaser until visually dry or dripping ceases. (Rule 67.6.1)
11. Waste solvent and any contaminated residue shall be recycled or disposed of according to requirements based on the California Health and Safety Code Division 20, Chapter 6.3 (beginning at section 25100) concerning hazardous waste disposal. (Rule 67.6.1)
12. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

13. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
14. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) [Rule 1210]

APPENDIX B: RULE REFERENCE TABLE

Rule Citation ¹	RULE TITLE	A/R ²	District Adoption Date ³	SIP FR Approval Date
	REGULATION I - GENERAL PROVISIONS			
1	Title	F	04/30/80	09/28/81
2	Definitions	F	7/11/17	11/12/20
4	Review of Rules	F	01/01/70 [†]	09/22/72
5	Authority to Arrest	F	03/24/76 [†]	NA
6	Minor Violations	D	12/15/99	N/A
	REGULATION II - PERMITS			
10	Permits Required	F	07/25/95	03/11/98
10.1 ^{††}	NSPS & NESHAPS Requirements	D	11/8/76	N/A
11	Exemptions from Rule 10 Permit Requirements	F D	07/08/20 10/13/22	10/28/22 Pending
12	Registration of Specified Equipment	D	11/15/00	N/A
12.1	Portable Equipment Registration	D	05/21/97	N/A
14	Applications	F	04/30/80	09/28/81
15	Permit Process - Public Notifications	D	09/18/90	N/A
17	Cancellation of Applications	F	04/06/93	03/11/98
18	Action on Applications	D	09/18/90	N/A
19	Provision of Sampling and Testing Facilities	F	04/06/93	03/11/98
19.1 ^{††}	NSPS & NESHAPS Provision of Sampling and Testing Facilities Requirements	D	11/08/76	N/A
19.2	Continuous Emission Monitoring Requirements	F D	01/12/79 10/12/23	09/28/81 Pending
19.3	Emission Information	F D	05/15/96 12/09/21	03/09/00 Pending
20	Standards for Granting Permits	F	04/25/89	10/04/18
20.1	NSR - General Provisions	F	10/14/21	09/28/22
20.2*	NSR - Non-major Stationary Sources	F	06/26/19	09/16/20
20.3*	NSR - Major Stationary Source and PSD Stationary Source	F	10/14/21	09/28/22
20.4*	NSR - Portable Emission Units	F	10/14/21	09/28/22
20.5	Power Plants	F	07/05/79	04/14/81
20.6	Standards for Permit to Operate - Air Quality Analysis	F	04/27/16	10/04/18
20.8	Special Offset Requirement Relating to Banking	D	2/16/83	N/A
21	Permit Conditions	F	11/29/94	03/11/98
22	Denial of Applications	D	01/01/69 [†]	N/A
23	Further Information	D	01/01/69 [†]	N/A
24	Temporary Permit to Operate	F	06/29/16	10/04/18
25	Appeals	F	01/01/69 [†]	09/22/72
25	Appeals	D	06/21/00	N/A

Rule Citation¹	RULE TITLE	A/R²	District Adoption Date³	SIP FR Approval Date
26.0	Banking of Emission Reduction Credits (ERCs) - General Requirements	D	06/26/19	N/A
26.1	Standards for Granting Emission Reduction Credits (ERCs)	D	10/22/97	N/A
26.2	Use of Emission Reduction Credits (ERCs)	D	10/22/97	N/A
26.3	Reclassification of Class B Emission Reduction Credits (ERCs)	D	10/22/97	N/A
26.4	Permanency of Banked Emission Reduction Credits (ERCs)	D	10/22/97	N/A
26.5	Transfer of Emission Reduction Credits (ERCs)	D	10/22/97	N/A
26.6	District Banking of Emission Reduction Credits (ERCs)	D	10/22/97	N/A
26.7	Shutdown and Related Emission Unit	D	10/22/97	N/A
26.8	Banking of Limited Emission Reductions	D	10/22/97	N/A
26.9	Emission Reduction Credit Certificates and The Emission Reduction Credit Register	D	10/22/97	N/A
26.10	Banking For BRAC Military Base Closure or Realignment Actions	D	10/22/97	N/A
27	Banking of Mobile Source Emission Reduction Credits	D	11/29/94	N/A
27.1	Federal Requirements for San Diego County APCD Alternative Mobile Source Emission Reduction Program Approved On 9/8/2000	F	08/06/08	06/03/09
	REGULATIONS III - FEES			
40	Permit Fees	D	01/12/23	N/A
42	Hearing Board Fees	D	04/14/22	N/A
44	Technical Reports, Charges for	D	12/7/83	N/A
45	Federally Mandated Ozone Nonattainment Fees	D	6/9/2022	Pending
	REGULATIONS IV - PROHIBITIONS			
50	Visible Emissions	F	08/13/97	12/7/98
50.1††	NSPS & NESHAPS Visible Emissions Requirements	D	11/08/76	N/A
51	Nuisance	F	01/01/69†	09/22/72
52	Particulate Matter	F	01/22/97	12/9/98
52.1††	NSPS & NESHAPS Particulate Matter Requirements	D	11/08/76	N/A
53	Specific Contaminants	F	01/22/97	12/9/98
53.1	Scavenger Plants	F	01/01/69†	09/22/72
53.2††	NSPS & NESHAPS Specific Contaminants Requirements	D	11/08/76	N/A
54	Dusts and Fumes	F	01/22/97	12/9/98
54.1	NSPS & NESHAP Dust and Fumes Requirement	D	11/08/76	N/A
55	Fugitive Dust Control	D	06/24/09	N/A
58	Incinerator Burning	F	01/17/73†	05/11/77
59	Control of Waste Disposal - Site Emissions	D	11/03/87	N/A
59.1	Municipal Solid Waste Landfills	D	06/17/98	N/A
60	Circumvention	F	05/17/94	03/09/00
60.1	Limiting Potential to Emit – Small Sources	D	04/04/12	N/A
60.2	Limiting Potential to Emit - Synthetic Minor Sources	D	04/04/12	N/A

Rule Citation¹	RULE TITLE	A/R²	District Adoption Date³	SIP FR Approval Date
61.0	Definitions Pertaining to the Storage & Handling of Organic Compounds	F	10/16/90	09/13/93
61.1	Receiving & Storing Volatile Organic Compounds at Bulk Plants & Bulk Terminals	F	01/10/95	08/08/95
61.2	Transfer of Volatile Organic Compounds into Mobile Transport Tanks	F	02/10/21	12/16/22
61.3	Transfer of Volatile Organic Compounds into Stationary Storage Tanks	F	10/16/90	06/30/93
61.3.1	Transfer of Gasoline into Stationary Underground Storage Tanks	D	03/01/06	09/03/21
61.4	Transfer of Volatile Organic Compounds into Vehicle Fuel Tanks	F	10/16/90	05/13/93
61.4	Transfer of Volatile Organic Compounds into Vehicle Fuel Tanks	F	03/26/08	01/7/13
61.4.1	Transfer of Gasoline from Stationary Underground Storage Tanks into Vehicles Fuel Tanks	D	03/01/06	N/A
61.5	Visible Emission Standards for Vapor Control Systems	F	09/20/78 [†]	04/14/81
61.6	NSPS Requirements for Storage of Volatile Organic Compounds	D	01/13/87	Withdrawn
61.7	Spillage and Leakage of Volatile Organic Compounds	F	01/13/87	03/11/98
61.8	Certification Requirements for Vapor Control Equipment	F	01/13/87	03/11/98
62	Sulfur Content of Fuels	F	10/21/81	07/06/82
62.1 ^{††}	NSPS Requirements for Sulfur Content of Fuels	D	11/08/76	N/A
64	Reduction of Animal Matter	F	08/21/81	07/06/82
66.1	Miscellaneous Surface Coating Operations and Other Processes Emitting VOCs	F D	2/24/10 5/11/16	08/09/12 ?
67.0.1	Architectural Coatings	F	02/10/21	12/14/22
67.1	Alternative Emission Control Plans	F	05/15/96	03/27/97
67.2	Dry Cleaning Equipment Using Petroleum - Based Solvent	F	05/15/96	03/27/97
67.3	Metal Parts and Products Coating Operations	F	04/09/03	11/14/03
67.4	Metal Container, Metal Closure and Metal Coil Coating Operations	F	11/09/11	09/20/12
67.5	Paper, Film and Fabric Coating Operations	F	05/15/96	03/27/97
67.6.1	Cold Solvent Cleaning and Stripping Operations	F	02/10/21	10/22/21
67.6.2	Vapor Degreasing Operations	F	02/10/21	10/22/21
67.7	Cutback and Emulsified Asphalts	F	05/15/96	03/27/97
67.9	Aerospace Coating Operations	F	04/30/97	08/17/98
67.10	Kelp Processing and Bio-Polymer Manufacturing	F	06/25/97	06/22/98
67.11	Wood Parts and Products Coating Operations	F	06/27/12	04/11/13
67.12.1	Polyester Resin Operations	F	05/11/16	04/02/18
67.15	Pharmaceutical and Cosmetic Manufacturing Operations	F	05/15/96	03/27/97
67.16	Graphic Arts Operations	F	05/09/12	09/20/12
67.17	Storage of Materials Containing Volatile Organic Compounds	F	05/15/96	03/27/97

Rule Citation¹	RULE TITLE	A/R²	District Adoption Date³	SIP FR Approval Date
67.18	Marine Coating Operations	F	05/15/96	03/27/97
67.19	Coating and Printing Inks Manufacturing Operations	F	05/15/96	05/26/00
67.20.1	Motor Vehicle and Mobile Equipment Coating Operations	D	06/30/10	N/A
67.21	Adhesive Material Application Operations	D	11/14/08	N/A
67.22	Expandable Polystyrene Foam Products Manufacturing Operations	D	05/15/96	N/A
67.24	Bakery Ovens	F	05/15/96	03/27/97
68	Fuel-Burning Equipment – Oxides of Nitrogen	F	09/20/94	04/09/96
68.1††	NSPS Requirements for Oxides of Nitrogen from Fuel-Burning Equipment	D	11/08/76	N/A
69	Electrical Generating Steam Boilers, Replacement Units & New Units	D	12/12/95	N/A
69.2	Industrial & Commercial Boilers, Process Heaters & Steam Generators	F	09/27/94	02/09/96
69.2.1	Small Boilers, Process Heaters and Steam Generators	D/F	07/08/20	Pending
69.2.2	Medium Boilers, Process Heaters and Steam Generators	F	09/09/21	8/23/23
69.3**	Stationary Gas Turbine Engines	F	Repealed	06/17/97 (Withdrawal Pending)
69.3.1**	Stationary Gas Turbine Engines – BARCT	D	12/9/21	Pending
69.4**	Stationary Internal Combustion Engines	F	Repealed	01/04/06 (Withdrawal Pending)
69.4.1**	Stationary Internal Combustion Engines - BARCT	D	07/08/20	Pending
69.5.1	Natural Gas-Fired Water Heaters	D	06/24/15	N/A
69.6	Natural Gas-Fired Fan-Type Central Furnaces	D	06/17/98	N/A
69.7	Landfill Gas Flares	D/F	03/09/23	Pending
70	Orchard Heaters	F	01/17/72	09/22/72
71	Abrasive Blasting	F	03/30/77	08/31/78
	REGULATION V - PROCEDURES BEFORE THE HEARING BOARD			
75	Procedure Before the Hearing Board	D	09/17/85	N/A
75.1††	NSPS & NESHAPS Variance Procedures	D	09/17/85	N/A
97	Emergency Variance	D	07/25/95	N/A
98	Breakdown Conditions: Emergency Variance	D	07/25/95	N/A
	REGULATION VI - BURNING CONTROL			
101	Burning Control	F	09/25/02	04/30/03
	REGULATION VII - VALIDITY AND EFFECTIVE DATE			
140	Validity	F	01/01/69†	09/22/72
141	Effective Date	F	01/01/69†	09/22/72

Rule Citation¹	RULE TITLE	A/R²	District Adoption Date³	SIP FR Approval Date
REGULATION VIII - SAN DIEGO AIR POLLUTION EMERGENCY PLAN				
126	Applicability	F	05/25/77	08/31/78
127	Episode Criteria Levels	F	09/17/91	03/18/99
128	Episode Declaration	F	09/17/91	03/18/99
129	Episode Termination	F	05/25/77	08/31/78
130	Episode Actions	F	09/17/91	03/18/99
131	Stationary Source Curtailment Plan	F	04/01/81	06/21/82
132	Traffic Abatement Plan	F D	05/01/81 12/17/97	06/21/82 N/A
133	Schools	F	05/25/77	08/31/78
134	Source Inspection	F	04/01/81	06/21/82
135	Air Monitoring Stations	F	05/25/77	08/31/78
136	Interdistrict and Interbasin Coordination	F	05/25/77	08/31/78
137	Emergency Action Committee	F	05/25/77	08/31/78
138	Procedures and Plans	F	05/25/77	08/31/78
	APPENDIX A - Persons to be Notified on Episode Declaration	F		
REGULATION IX - PUBLIC RECORDS				
175	General	F	05/22/74 [†]	05/11/77
176	Information Supplied to District	F	05/22/74 [†]	05/11/77
177	Inspection of Public Records	F D	03/30/77 06/20/01	08/31/78 N/A
REGULATION XII - TOXIC AIR CONTAMINANTS				
1200	Toxic Air Contaminants - New Source Review	D	09/19/23	N/A
1202	Hexavalent Chromium - Cooling Towers	D	07/25/95	N/A
1203	Ethylene Oxide Sterilizers and Aerators	D	07/26/00	N/A
1205	Control of Dioxins Emissions from Medical Waste Incinerators	D	01/01/94	N/A
1206	Asbestos Removal, Renovation, and Demolition	D	11/15/17	N/A
1210	Toxic Air Contaminant Public Health Risks - Public Notification and Risk Reduction	D	09/19/23	N/A

REGULATION XIV - TITLE V OPERATING PERMITS				
1401	General Provisions	F	10/14/21	02/27/04
1410	Permit Required	F	02/27/04	02/27/04
1411	Exemption from Permit to Operate for Insignificant Units	F	03/07/95	11/30/01
1412	Federal Acid Rain Program Requirements	F	01/18/94	11/30/01
1413	Early Reduction of Hazardous Air Pollutants	F	03/07/95	11/30/01
1414	Applications	F	03/07/95	11/30/01
1415	Permit Process-Public Notification	F D	02/27/04 10/12/23	02/27/04 Pending
1417	Pendency & Cancellation of Applications	F	03/07/95	11/30/01
1418	Action on Applications	F	02/27/04	11/30/01
1419	Provisions of Sampling & Testing Facilities & Emission Information	F	03/07/95	11/30/01
1420	Standards for Granting Permits	F	03/07/95	11/30/01
1421	Permit Conditions	F	02/27/04	02/27/04
1422	Denial or Cancellation Of Applications	F	03/07/95	11/30/01
1423	Further Information	F	01/18/94	11/30/01
1424	Applications Deemed Denied	F	01/18/94	11/30/01
1425	Appeals & Judicial Review	F	02/27/04	02/27/04
	APPENDIX A - Insignificant Units	F	02/27/04	11/30/01
REGULATION XV - FEDERAL CONFORMITY				
1501	Conformity of General Federal Actions	F	06/22/99	04/23/99

The following NSPS and NESHAP have been adopted locally by the District. EPA has granted the District delegation for each of these rules. Therefore, these rules, as adopted by the District are the federally applicable requirements. In addition, if an NSPS or NESHAP is revised by EPA and the revised rule not adopted by the District, both versions of the rule are considered federally applicable requirements and the most stringent requirement applies until such time as the District adopts the revised version.

Subpart & Citation	RULE TITLE	District Adoption Date(s)	Federal Delegation Date
Part 60	REGULATION X - STANDARDS OF PERFORMANCE FOR NEW STATIONARY SOURCES	04/06/2021	As shown below
A	General Provisions	04/06/2021	04/08/2021
D	Standards of Performance for Electric Utility Steam Generating Units for Which Construction is Commenced After September 18, 1978	01/29/2020	04/08/2021
Da	Standards of Performance for Industrial-Commercial -Institutional Steam Generating Units	01/29/2020	04/08/2021
Db	Standards of Performance for Small Industrial-Commercial - Institutional Steam Generating Units	01/29/2020	04/08/2021
Dc	Standards of Performance for Electric Utility Steam Generating Units for Which Construction is Commenced After September 18, 1978	01/29/2020	04/08/2021
E	Standards of Performance for Incinerators	01/29/2020	04/08/2021
Eb	Standards of Performance for Large Municipal Waste Combustors for Which Construction is Commenced After September 20, 1994 or for Which Modification Or Reconstruction Commenced After June 19, 1996	06/20/2007	01/03/2008
Ec	Standards of Performance for Hospital/Medical/Infectious Waste Incinerators	01/29/2020	04/08/2021
I	Standards of Performance for Hot Mix Asphalt Facilities	01/29/2020	04/08/2021
J	Standards of Performance for Petroleum Refineries	01/29/2020	04/08/2021
K	Standards of Performance for Storage Vessels for Petroleum Liquids Construct After June 11, 1973 and Prior to May 19, 1978	06/20/2007	01/03/2008
Ka	Standards of Performance for Storage Vessels for Petroleum Liquids Construction after May 18, 1978	06/20/2007	01/03/2008
Kb	Standards of Performance for Volatile Organic Liquid Storage Vessels (Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984	06/20/2007	01/03/2008
L	Standards of Performance for Secondary Lead Smelters	01/29/2020	04/08/2021
M	Standards of Performance for Secondary Brass and Bronze Ingot Production Plants	01/29/2020	04/08/2021
O	Standards of Performance for Sewage Treatment Plants	01/29/2020	04/08/2021
DD	Standards of Performance for Grain Elevators	01/29/2020	04/08/2021
EE	Standards of Performance for Surface Coating Metal Furniture	01/29/2020	04/08/2021
GG	Standards of Performance for Stationary Gas Turbines	01/29/2020	04/08/2021
QQ	Standards of Performance for the Graphic Arts Industry: Publication Rotogravure Printing	01/29/2020	04/08/2021
RR	Standards of Performance for Pressure Sensitive Tape and Label Surface Coating Operations	01/29/2020	04/08/2021
SS	Standards of Performance for the Industrial Surface Coating Large Appliances	01/29/2020	04/08/2021
TT	Standards of Performance for Metal Coil Surface Coating	01/29/2020	04/08/2021
AAA	Standards of Performance for New Residential Wood Heaters	04/06/2021	04/08/2021
BBB	Standards of Performance for the Rubber Tire Manufacturing Industry	01/29/2020	04/08/2021

Subpart & Citation	RULE TITLE	District Adoption Date(s)	Federal Delegation Date
FFF	Standards of Performance for Flexible Vinyl and Urethane Coating and Printing	01/29/2020	04/08/2021
JJJ	Standards of Performance for Petroleum Dry Cleaners	01/29/2020	04/08/2021
OOO	Standards of Performance for Nonmetallic Mineral Processing Plants	01/29/2020	04/08/2021
UUU	Standards of Performance for Calciners and Dryers in Mineral Industries	01/29/2020	04/08/2021
VVV	Standards for Polymeric Coating of Supporting Substrates Facilities	05/23/2007	01/03/2008
WWW	Standards of Performance for Municipal Solid Waste Landfills	04/06/2021	04/08/2021
AAAA	Standards of Performance for Small Municipal Waste Combustion Units	06/20/2007	01/03/2008
CCCC	Standards of Performance for Commercial and Industrial Solid Waste Incineration Units	04/06/2021	04/08/2021
EEEE	Standards of Performance for Other Solid Waste Incineration Units	01/29/2020	04/08/2021
III	Standards of Performance for Stationary Compression Ignition Internal Combustion Engines	04/06/2021	04/08/2021
JJJJ	Standards of Performance for Stationary Spark Ignition Internal Combustion Engines	04/06/2021	04/08/2021
KKKK	Standards of Performance for Stationary Combustion Turbines	04/06/2021	04/08/2021
QQQQ	Standards of Performance for New Residential Hydronic Heaters and Forced-Air Furnaces	04/06/2021	04/08/2021
TTTT	Standards of Performance for Greenhouse Gas Emissions for Electric Generating Units	04/06/2021	04/08/2021
Part 61	REGULATION XI- NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAPS)		
A	General Provisions	01/13/87	05/24/82
C	National Emission Standard for Beryllium	Unknown	11/08/76
D	National Emission Standard for Beryllium Rocket Motor Firing	Unknown	11/08/76
E	National Emission Standard for Mercury	03/27/90	05/17/91
F	National Emission Standard for Vinyl Chloride	08/17/77 06/16/78	11/21/77

The following ATCM and NESHAP have not been adopted by the District, but are being implemented and enforced by the District as ATCM's.

Subpart & Citation	RULE TITLE
DISTRICT RULES AND REGULATIONS APPENDIX A - CALIFORNIA AIRBORNE TOXIC CONTROL MEASURES (ATCM)	
17 CCR § 93102	Hexavalent Chromium ATCM for Chrome Plating & Chromic Acid Anodizing Operations
17 CCR § 93109	ATCM For Emissions of Perchloroethylene From Dry Cleaning Operations
17 CCR § 93101.5	ATCM to Reduce Emissions of Hexavalent Chromium and Nickel from Thermal Spraying
17 CCR § 93105	ATCM for Construction, Grading, Quarrying, and Surface Mining Operations
17 CCR § 93106	Asbestos ATCM for Surface Applications
17 CCR § 93107	ATCM For Emissions of Toxic Metals From Non-Ferrous Metal Melting
17 CCR § 93111	ATCM for Emissions of Chlorinated Toxic Air Contaminants from Automotive Maintenance & Repair Activities
17 CCR § 93112	ATCM for Emissions of Hexavalent Chromium and Cadmium from Motor Vehicle and Motor Equipment Coatings
17 CCR § 93113	ATCM to Reduce Emissions of Toxic Air Contaminants from Outdoor Residential Waste Burning
17 CCR § 93115	ATCM for Stationary Compression Ignition Engines
17 CCR § 93116	ATCM for Portable Diesel-Fueled Engines
DISTRICT RULES AND REGULATIONS APPENDIX B - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAP) FOR SOURCE CATEGORIES	
Part 63	
A	General Provisions
N	Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks
O	Ethylene Oxide Sterilization Facilities
R	Gasoline Distribution
T	Halogenated Solvent Cleaning
DD	Off-site Waste & Recovery Operations
GG	Aerospace Manufacturing and Rework Facilities
II	Shipbuilding and Ship Repair (Surface Coating)
JJ	Wood Furniture Manufacturing Operations
VVV	Publicly Owned Treatment Works
AAAA	Municipal Solid Waste Landfills
EEEE	Organic Liquids Distribution (non-gasoline)
MMM	Surface Coating of Miscellaneous Metal Parts and Products
PPP	Plastic Parts (surface coating)
SSSS	Surface Coating of Metal Coil
VVVV	Boat Manufacturing
WWW	Reinforced Plastic Composites Production
YYYY	Stationary Combustion Turbines
ZZZZ	Stationary Reciprocating Internal Combustion Engines
DDDD	Industrial, Commercial, and Institutional Boilers and Process Heaters

GGGGG	Site Remediation
HHHHH	Miscellaneous Coating Manufacturing
PPPPP	Engine Test Cells/Stands
WWWWW	Hospital Ethylene Oxide Sterilizers Area Sources
BBBBBB	Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities
CCCCC	Gasoline Dispensing Facilities
HHHHHH	Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources
JJJJJ	Area Sources: Industrial, Commercial, and Institutional Boilers
QQQQQ	Wood Preserving Area Sources
VVVVV	Chemical Manufacturing Area Sources
WWWWW	Plating and Polishing Operations Area Sources
XXXXXX	Metal Fabrication and Finishing Area Sources
AAAAAAA	Asphalt Processing and Asphalt Roofing Manufacturing Area Sources
CCCCCC	Paint and Allied Products Manufacture Area Sources

1. Rule Citations marked with an “††” contain no substantive requirements and are listed for informational purposes only.
2. ‘A/R’ Denotes enforceability of the listed applicable requirement as follows:
 - ‘F’ Denotes a Federal applicable requirement that is federally enforceable and District enforceable.
 - ‘D/F’ Denotes a District applicable requirement which is pending SIP approval. For some rules, there are separate versions denoted as “F” and “D” which indicates when there is a SIP version of the rule, denoted by “F”, which is federally enforceable, and an amended version of the rule which has been approved by the District but has not been approved into the SIP. At the time a pending rule is approved into the SIP, it will become fully federally enforceable and replace the previous version of the rule.
 - ‘D’ Denotes a District only applicable requirement. This may include some state requirements that are enforceable by the District.
3. District adoption dates marked with an “†” are the effective date of the rule, the actual adoption date is uncertain.
4. For rules 20.2-20.4 as marked with a “*”, certain provisions were not submitted to EPA as denoted in the SIP submittals, and these provisions are therefore not federally enforceable
5. Rules 69.3 and 69.4 were repealed by the District because the applicable provisions were incorporated into Rules 69.3.1 and 69.4.1 which were submitted to EPA for SIP approval. However, these rules have not been approved due to concerns with startup/shutdown exemptions from emission limits.

APPENDIX C: ABBREVIATIONS THAT MAY APPEAR IN THIS PERMIT

APCO	Air Pollution Control Officer
ASTM	American Society for Testing and Methods
BACT	Best Available Control Technology
CAA	federal Clean Air Act
CFR	Code of Federal Regulations
CO	Carbon Monoxide
CO ₂	Carbon Dioxide
District	San Diego County Air Pollution Control District
EF	Emission Factor
EPA	US Environmental Protection Agency
HAP	Hazardous Air Pollutant
I&M	Inspection and Maintenance
NESHAP	National Emission Standard for Hazardous Air Pollutants
NSPS	New Source Performance Standards
NSR	New Source Review
[NSR]	New Source Review based condition
NO _x	Oxides of nitrogen
O ₂	Oxygen
OES	Office of Environmental Services
O&M	Operation and maintenance
Pb	Lead
PM	Total Particulate Matter
PM ₁₀	Particulate matter with aerodynamic equivalent diameter of ≤ 10 microns
PSD	Prevention of Significant Deterioration
RMP	Risk Management Plan
SDCAPCD	San Diego County Air Pollution Control District
SIP	State Implementation Plan
SO _x	Oxides of sulfur
Title IV	Title IV of the federal Clean Air Act
Title V	Title V of the federal Clean Air Act
VOC	Volatile organic compound

Units of Measure:

dscf	=	Dry standard cubic foot
g	=	grams
gal	=	gallon
gr/dscf	=	Grains per dry standard cubic foot
hr	=	hour
lb	=	pound
in	=	inches
max	=	maximum
min	=	minute
MM Btu	=	Million British thermal units
psia	=	pounds per square inch, absolute
scf	=	Standard cubic foot
scfm	=	standard cubic feet per minute
yr	=	year