San Diego County Air Pollution Control District

10124 Old Grove Rd. San Diego California 92131-1649
(858) 586-2600 Fax (858) 586-2601
www.sdapcd.org

TITLE V OPERATING PERMIT
APCD2025-TVP-00052

Issued To:

GKN Aerospace Chem-tronics Inc.
Site ID # APCD1978-SITE-00031

Site Address:

1150 W. Bradley Ave
El Cajon, CA 92020
(619) 596-5783

Mailing Address:

1150 W. Bradley Ave
El Cajon, CA 92020

Responsible Official – Jim Wilson
Facility Contact – Brijesh Sahota
Permit Information Contact – Tony Brentnall

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

This Title V Operating Permit expires on _____.

Signed by: _____

Mohsen Nazemi, MS, PE. Date
Chief, Engineering Division
San Diego County Air Pollution Control District

TABLE OF CONTENTS

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 92131-1649

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

SECTION I. REGULATION XIV PERMIT REQUIREMENTS

A. ADMINISTRATIVE PERMIT TERMS

1. This Title V Operating Permit expires 5 years from 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 reissuance, 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 timeframe 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 California Health and Safety 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 (5) years from their date of creation. Such records shall be maintained on-site for a minimum of three years. This requirement controls and supersedes any other record retention requirement under this permit as it pertains to, and is required by, District Rule 1421 and Title V of the Clean Air Act. [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 1401-J1 and Form 1401-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 1401-J1 and Form 1401-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 deviation and 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 Appendices 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 federal enforcement action or enforcement action by the District; 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 from 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	12	Registered Equipment
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
SDAPCD Reg. IV	71	Abrasive Blasting
SDCAPCD Reg. V	98*	Breakdown Conditions: Emergency Variance
SDCAPCD Reg. VI	101	Burning Control

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

B. GENERAL PROHIBITORY 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	50	Visible Emissions
SDCAPCD Reg. IV	51	Nuisance
SDCAPCD Reg. IV	52	Particulate Matter
SDCAPCD Reg. IV	53	Specific Air Contaminants
SDCAPCD Reg. IV	62	Sulfur Content of Fuels
SDCAPCD Reg. IV	66.1	Miscellaneous Surface Coating Operations and Other Processes Emitting VOCs
SDCAPCD Reg. IV	67.0.1	Architectural coating
SDCAPCD Reg. IV	67.6.1	Cold Solvent Cleaning and Stripping Operations
SDCAPCD Reg. IV	67.9	Aerospace Coating Operations
SDCAPCD Reg. IV	67.17	Storage of Materials Containing VOCs
SDCAPCD Reg. IV	69.2.2	Medium Boilers, Process Heaters, and Steam Generators
SDCAPCD Reg. IV	69.4.1	Stationary Reciprocating Internal Combustion Engines
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, Renovation, and Demolition

C. PERMIT SHIELDS

The permittee has not requested any permit shields.

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. [Rules 53, 62]

E. VOLUNTARY AREA SOURCE LIMITS FOR HAZARDOUS AIR POLLUTANTS (HAPs)

1. Total Federal Hazardous Air Pollutant (HAP) emissions from the stationary source shall not exceed 25 tons per consecutive twelve (12) month period. Additionally, the

emissions of any single HAP from the stationary source shall not exceed 10 tons per consecutive twelve (12) month period [40 CFR 63 Subpart A].

2. To demonstrate that HAP emissions from stationary source do not exceed the above limits, the permit holder shall comply with one of the following requirements:
   a. Hazardous air pollutant (HAP) emissions from this stationary source shall be calculated on a monthly basis no later than two months following the end of the month the calculation is for. These calculations shall either be performed according to standard District calculation methods or a protocol approved by the District. Emissions from insignificant units must be included in these calculations. Or,
   b. Maintain documentation to demonstrate that the facility has a potential to emit less than or equal to 25 tons per consecutive twelve (12) month period of combined HAP, and less than or equal to 10 tons per consecutive twelve (12) month period of any single HAP. Calculation of potential to emit shall be based on the provisions described in District Rules 20.1 and Regulation XIV and specifically must be based on equipment's maximum capacity unless enforceable permit conditions otherwise restrict those emissions to a lower level. Emissions from insignificant units must be calculated based on maximum capacity and may not include any control efficiencies not specified by an enforceable permit condition.

   The permit holder shall maintain all records necessary to demonstrate compliance with this condition for at least five (5) years. This includes all data used to calculate actual emissions in accordance with (a), or the calculations used to establish that potential to emit is less than that described in (b). Note that compliance with option (b) does not relieve the owner or operator from the need to ensure that actual emissions do not exceed the limits of the above condition. [Rule 1421]

3. If, in any consecutive 12-month period, the facility is unable to demonstrate that Federal HAP emissions from the stationary source do not exceed the above limits, it shall be considered a violation of the terms of this permit and the permit holder shall comply with all applicable requirements of 40 CFR Subpart 63, including submitting all required applications to modify District and Title V permits as necessary. [40 CFR 63 Subpart A]

SECTION III. EMISSION UNIT REQUIREMENTS

A. EMISSION UNITS

Facility Emission Units (EU) are listed below and attached in Appendix A, including all terms and conditions of such permits, and comprise the emission unit portion of this Title V Operating Permit.

EU Reference	Source
APCD2003-PTO-006657	Abrasive Blast Room
APCD2003-PTO-973604	Abrasive Blast Cabinet
APCD2003-PTO-973605	Abrasive Blast Glove Box
APCD2003-PTO-973606	Abrasive Blast Cabinet

APCD2003-PTO-007554	Acid Etching and Pickling Operation
APCD2003-PTO-870784	Aerospace Coating Operation
APCD2003-PTO-880870	Aerospace Coating Operation
APCD2003-PTO-941146	Aerospace Coating Operation
APCD2006-PTO-981182	Aerospace Coating Operation
APCD2024-PTO-004848	Aerospace Coating Operation
APCD2008-PTO-974535	Cold Solvent Dip Tank
APCD2010-PTO-000401	Emergency Diesel Engine
APCD2021-PTO-003801	Medium Boiler
APCD2021-PTO-003802	Medium Boiler
APCD2021-PTO-003803	Medium Boiler
APCD2007-PTO-870207	Thermal Spray Booth
APCD2007-PTO-910006	Thermal Spray Booth
APCD2007-PTO-970016	Thermal Spray Booth
APCD2007-PTO-981058	Thermal Spray Booth
APCD2024-PTO-004860	Thermal Spray Operation
APCD2006-PTO-977663	Facility-wide Wipe Cleaning

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. II	19.2	Continuous Emission Monitoring Requirements
SDCAPCD Reg. II	20.1, 20.3	New Source Review
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 applicable requirements specified in the District Rules and Regulations for any Insignificant Units located at this facility that are listed at District Regulation XIV, Appendix-A.

SECTION IV. DISTRICT-ONLY PROVISIONS

VARIANCE PROCEDURES

The permittee may seek relief from District enforcement action from District-only provisions 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]

SECTION V. APPENDICES

APPENDIX A: EMISSION UNITS – SPECIFIC CONDITIONS

EU Reference	Source
APCD2003-PTO-006657	Abrasive Blast Room
APCD2003-PTO-973604	Abrasive Blast Cabinet
APCD2003-PTO-973605	Abrasive Blast Glove Box
APCD2003-PTO-973606	Abrasive Blast Cabinet
APCD2003-PTO-007554	Acid Etching and Pickling Operation
APCD2003-PTO-870784	Aerospace Coating Operation
APCD2003-PTO-880870	Aerospace Coating Operation
APCD2003-PTO-941146	Aerospace Coating Operation
APCD2006-PTO-981182	Aerospace Coating Operation
APCD2024-PTO-004848	Aerospace Coating Operation
APCD2008-PTO-974535	Cold Solvent Dip Tank
APCD2010-PTO-000401	Emergency Diesel Engine
APCD2021-PTO-003801	Medium Boiler
APCD2021-PTO-003802	Medium Boiler
APCD2021-PTO-003803	Medium Boiler
APCD2007-PTO-870207	Thermal Spray Booth
APCD2007-PTO-910006	Thermal Spray Booth
APCD2007-PTO-970016	Thermal Spray Booth
APCD2007-PTO-981058	Thermal Spray Booth
APCD2024-PTO-004860	Thermal Spray Operation
APCD2006-PTO-977663	Facility-wide Wipe Cleaning

San Diego County Air Pollution Control District

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131-1649
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Sectors: 4, L
Site ID: APCD1978-SITE-00031
App ID: APCD2024-APP-008126

PERMIT ID
APCD2003-PTO-006657

GKN Aerospace Chemtronics Inc
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1150 W Bradley Av
El Cajon CA, 92020

EQUIPMENT ADDRESS
GKN Aerospace Chemtronics Inc
Environmental Engineer Tony
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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

EQUIPMENT DESCRIPTION

ABRASIVE BLAST ROOM (3375 CU FT): CUSTOM-MADE, 15' X 15' X 15'; EXHAUST SYSTEM WITH 6-CHAMBER BAG FILTER (APPL #13377) 0581 NO APP 974903 (4/00)
Aluminum oxide abrasive; Maximum blast capacity: 1856 lb/hr.

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: APCD2024-CON-002079

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. 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 52)
2. All process equipment shall be maintained and operated so that there is no leakage of air contaminants (0% opacity during operation and free of accumulated dust when not in operation) – from the tank, bin, enclosure or exhaust ducting – to the atmosphere prior to their treatment in the air pollution control system. Tears or cracks in ducting or accumulated dust in a pattern evidencing leakage may be considered indicative of leaks. Any spills or other accumulation of dust not associated with leakage shall be cleaned up using techniques to minimize release of dust no later than the end of each shift. (Rule 52)
5. No later than one year from the date of issuance of the initial Title V permit pursuant to application APCD2024-APP-008126, the owner or operator shall install a continuous differential pressure gauge across the filter system described in the equipment description of this permit. (Rule 1420)

6. 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 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 1420)
7. 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 1420)
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

3. Nickel emissions from this equipment shall not exceed 0.000744 lbs per ton of material blasted. (Rule 1210).
4. Abrasive blasting equipment shall not be used to remove coatings or paint on any part being blasted. (Rule 1210).
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.)

San Diego County Air Pollution Control District

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Sectors: 4, L
Site ID: APCD1978-SITE-00031
App ID: APCD2024-APP-008126

PERMIT ID
APCD2003-PTO-973604

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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

EQUIPMENT DESCRIPTION

AUTOMATIC ABRASIVE BLAST CABINET: EMPIRE BOOTH MODEL SPCL-84108, S/N E99020 AND BLAST MACHINE; EMPIRE/TORIT DUST CONTROL EQUIPMENT, 2,000 CU FT PER CARTRIDGE (EM2-4), FRACTIONAL EFFICIENCY 99.999 PERCENT AT 0.5 MICRONS; RECYCLING; ALUMINUM OXIDE #100 ABRASIVE. 973604AFS27MAR2001
Maximum blast capacity: 952 lb/hr.

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: 11932

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. 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 52)
2. All process equipment shall be maintained and operated so that there is no leakage of air contaminants (0% opacity during operation and free of accumulated dust when not in operation) – from the tank, bin, enclosure or exhaust ducting – to the atmosphere prior to their treatment in the air pollution control system. Tears or cracks in ducting or accumulated dust in a pattern evidencing leakage may be considered indicative of leaks. Any spills or other accumulation of dust not associated with leakage shall be cleaned up using techniques to minimize release of dust no later than the end of each shift. (Rule 52)
3. Differential pressure gauge reading shall be greater than zero and less than 6.0 inches of water when this equipment is operated.

6. The owner or operator shall record the differential pressure as indicated by the differential pressure gauge 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 1420)
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

4. Nickel emissions from this equipment shall not exceed 0.000228 lbs per ton of material blasted. (Rule 1210).
5. Abrasive blasting equipment shall not be used to remove coatings or paint on any part being blasted. (Rule 1210).
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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PERMIT ID
APCD2003-PTO-973605

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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

EQUIPMENT DESCRIPTION

ABRASIVE BLAST GLOVE BOX: UNIVERSAL EQUIPMENT MFG., INC. (UNIBLAST), MODELS SERIES, ALUMINUM OXIDE ABRASIVE, RECYCLING, BLDG. 1, ANNEX, CHEMTRONICS MAINTENANCE NO. GE-278. 973605AFS19JUN2000
Maximum blast capacity: 1052 lb/hr.

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: 11678

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. 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 52)
2. All process equipment shall be maintained and operated so that there is no leakage of air contaminants (0% opacity during operation and free of accumulated dust when not in operation) – from the tank, bin, enclosure or exhaust ducting – to the atmosphere prior to their treatment in the air pollution control system. Tears or cracks in ducting or accumulated dust in a pattern evidencing leakage may be considered indicative of leaks. Any spills or other accumulation of dust not associated with leakage shall be cleaned up using techniques to minimize release of dust no later than the end of each shift. (Rule 52)
3. Magnahelic gauge reading shall be greater than zero and less than 6.0 inches of water when this equipment is operated.

6. The owner or operator shall record the differential pressure as indicated by the differential pressure gauge 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 1420)
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

4. Nickel emissions from this equipment shall not exceed 0.0003075 lbs per ton of material blasted. (Rule 1210)
5. Abrasive blasting equipment shall not be used to remove coatings or paint on any part being blasted. (Rule 1210).
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.)

San Diego County Air Pollution Control District

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

Sectors: 4, L
Site ID: APCD1978-SITE-00031
App ID: APCD2024-APP-008126

PERMIT ID
APCD2003-PTO-973606

GKN Aerospace Chemtronics Inc
Environmental Engineer Tony Brentnall
1150 W Bradley Av
El Cajon CA, 92020

EQUIPMENT ADDRESS
GKN Aerospace Chemtronics Inc
Environmental Engineer Tony
1150 W Bradley Av
El Cajon CA 92020

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

EQUIPMENT DESCRIPTION

Abrasive blast cabinet:
Empire booth & blast machine, Model SPCL-84120-P, S/N E22032,
Chemtronics maintenance No. GE-1007;
Aluminum oxide abrasive, with recycling
Maximum blast capacity: 952 lb/hr.
Controlled by a dust collector:
Donaldson Torit, Model DFO2-4, S/N 17134437-L1-1.
2000 cfm, 4 cartridge filters each providing 760 sq ft filtration area, rated 99.999% control efficiency for 0.2 micron and larger.

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-002080

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. 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 52)

2. All process equipment shall be maintained and operated so that there is no leakage of air contaminants (0% opacity during operation and free of accumulated dust when not in operation) – from the tank, bin, enclosure or exhaust ducting – to the atmosphere prior to their treatment in the air pollution control system. Tears or cracks in ducting or accumulated dust in a pattern evidencing leakage may be considered indicative of leaks. Any spills or other accumulation of dust not associated with leakage shall be cleaned up using techniques to minimize release of dust no later than the end of each shift. (Rule 52)
3. Magnahelic gauge reading shall be greater than zero and less than 6.0 inches of water when this equipment is operated.
6. The owner or operator shall record the differential pressure as indicated by the differential pressure gauge 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 1420)
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

4. Nickel emissions from this equipment shall not exceed 0.0001179 lbs per ton of material blasted. (Rule 1210).
5. Abrasive blasting equipment shall not be used to remove coatings or paint on any part being blasted. (Rule 1210).
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.)

San Diego County Air Pollution Control District

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

Sectors: 4, L
Site ID: APCD1978-SITE-00031
App ID: APCD2024-APP-008126

PERMIT ID
APCD2003-PTO-007554

GKN Aerospace Chemtronics Inc
Environmental Lead Tony Brentnall
1150 W Bradley Avenue
El Cajon CA, 92020

EQUIPMENT ADDRESS
GKN Aerospace Chemtronics Inc
Environmental Lead Tony
1150 W Bradley Avenue
El Cajon CA 92020

PERMIT TO OPERATE

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EQUIPMENT OWNER

GKN Aerospace Chemtronics Inc Tony Brentnall 1150 W Bradley Avenue, El Cajon, CA 92020

EQUIPMENT DESCRIPTION

An Inconel 718 (Line 1W) and Inconel 625 (Line 1E) acid etching and pickling operation consisting of a dedicated enclosure (GKN Building 4B) equipped with a 7000 gallon capacity Inconel 718 acid etching tank, a 5000 gallon capacity Inconel 718 pickling tank, a 7000 gallon capacity Inconel 625 acid etching tank, a 1500 gallon capacity Inconel 625 pickling tank, two (2) independent fresh air make up blower units (located on the roof with a nominal 20,000 cfm capacity each), two (2) etching line air curtains, a Duall Model PT 508-96 packed bed single-stage fume scrubber, S/N 8574, with a nominal 20,000 acfm capacity exhaust fan (Line 1W), a modified Duall Model PT 512-102 packed bed single-stage fume scrubber, S/N 7215, with a nominal 13,000 acfm capacity exhaust fan (Line 1E) and all associated support equipment including bulk chemical storage tanks, fresh air intake and exhaust ducting, piping, valves, mist eliminators, temperature gauges, differential pressure gauges (3), scrubber liquid recirculation pumps (4), recirculation liquid flow meters (2), caustic delivery systems (2), scrubber recirculation liquid pH meters (2), monitoring devices, and data recorders. (984641/981796/974903/984486/941145/974903/2012-002229)

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 [32B] Acid Chemical Milling Tank
1 [32B] Acid Chemical Milling Tank
1 [93A] Test Witness and Report Review (T&M)

BEC: APCD2016-CON-001185

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

San Diego County Air Pollution Control District

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Sectors: 4, L
Site ID: APCD1978-SITE-00031
App ID: APCD2024-APP-008126

PERMIT ID
APCD2003-PTO-007554

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. The permittee shall not initiate or conduct the etching of any Inconel parts unless both fume scrubbers and exhaust fans, fresh air make up blower units, etching line air curtains, are operational and functioning in accordance with the GKN scrubber maintenance and operating instructions. At least one fume scrubber, exhaust fan, air make up blower unit or air curtain must be in operation during periods of maintenance and repair. Records of maintenance and repair must be maintained for three years. A copy of the GKN scrubber maintenance and operating instructions shall be kept on site and made available to the District upon request. (Rule 1200, 1421)
2. Makeup water shall be supplied to each acid fume scrubber as needed. (Rule 1200, 1421)
3. A detailed log/record of any breakdown or malfunction of the two acid fume scrubbers shall be maintained on-site and made available to the District upon request. (Rule 1200 & 1421)
4. The permittee shall install, operate, calibrate, and maintain all monitoring, alarm, and/or data recording instrumentation necessary to measure, display, monitor and/or record the acid tank solution temperatures, the pH of fume scrubber neutralization solutions, fume scrubber pressure drops, fume scrubber liquid recirculation rates, and fresh air make-up unit operating statuses within the process limits specified by this permit.
5. Permittee shall measure, monitor, and display the pH of the recirculated caustic neutralization solution in each acid fume scrubber whenever these emission control devices are in operation. The pH setpoint and the 24-hour average pH for the recirculated caustic neutralization solution in each operating acid fume scrubber shall be maintained above 11. Hourly records of each scrubber pH reading shall be recorded and maintained on-site in accordance with the approved scrubber operation and maintenance (O&M) manual. Records of all pH meter calibrations, breakdowns, and repairs shall be documented in accordance with the approved O&M manual and maintained on-site unless otherwise specified by the District. (Rule 1200 & 1421)
6. Air agitation may be conducted during chemical addition to the Inconel acid etching or pickling tanks. During air agitation the fume scrubbers shall be fully operational and functioning. Total annual air agitation time shall not exceed 20 hour/year. Records of air agitation time shall be kept on-site for a minimum of three (3) years and made available to District staff upon request. (Rule 1200, 1421)
7. Total combined emissions from the two acid fume scrubber exhaust stacks associated with the Inconel Acid Milling Lines shall not exceed 0.53 lbs hydrochloric acid/hour, 0.13 lbs nitric acid/hour, and 0.048 lbs hydrofluoric acid/hour as determined by District approved source testing. (Rule 1200, 1421)
8. Permittee shall continuously measure, monitor, and display the temperature of each acid solution located in GKN building 4B. The temperature of the acid solution in each etching tank shall not exceed 170 F at any time. The temperature of the acid solution in each pickling tank shall not exceed 120 F at any time. All thermocouples and associated monitoring equipment shall be calibrated and maintained in accordance with the manufacturer's instructions unless otherwise specified by the District. Hourly records of the acid solution temperature in each etching and pickling tank shall be recorded in accordance with the O&M manual. Records of these measurements shall be kept on-site for a minimum of three (3) years and made available to District staff upon request. (Rule 1200, 1421)
9. Permittee shall continuously measure, monitor, and display the differential pressure drop of each acid fume scrubber in accordance with the GKN scrubber maintenance and operating instructions. The 24 hour average differential pressure drop across the packed bed (gauge #1E) of the East scrubber shall be 1.0-2.5 inches of water when in operation. The 24 hour average total differential pressure drop across both the packed bed and the modified moisture extractor (gauge #2W) of the West scrubber shall be 1.5- 4.0 inches of water when in operation. An alarm system shall be installed and maintained to monitor each of these differential pressure operating parameters and actual pressure drop readings shall be recorded at least once per operating day. All differential pressure gauges and associated monitoring equipment shall be calibrated and maintained in accordance with the manufacturer's instructions unless otherwise specified by the District. Records of these measurements shall be kept on-site for a minimum of three (3) years and made available to District staff upon request. (Rule 1200, 1421)

10. Permittee shall continuously measure, monitor, and display the liquid flow rate of the recirculated caustic neutralization solution through each acid fume scrubber. The 24 hour average liquid flow rate of the recirculated caustic neutralization solution through the East scrubber shall be no less than 270 gallons per minute when in operation. The 24 hour average liquid flow rate of the recirculated caustic neutralization solution through the West scrubber shall be no less than 300 gallons per minute when in operation. At least one fume scrubber must be in operation during periods of maintenance and repair. Records of maintenance and repair must be maintained for three years. Hourly records of the liquid flow rate through each scrubber shall be recorded every hour in accordance with the O&M manual. All liquid flow meters and associated monitoring equipment shall be calibrated and maintained in accordance with the manufacturer's instructions unless otherwise specified by the District. Records of these measurements shall be kept on-site for a minimum of three (3) years and made available to District staff upon request. (Rule 1200, 1421)
11. All records shall be retained on site for at least three (5) years and made readily available to the District upon request. (Rule 1200, 1421)
13. Starting with calendar year 2019, this equipment shall be sourced tested once every three permit years (triennial source test) to demonstrate compliance with the maximum hourly 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. Compliance testing shall be performed under worst-case operating conditions (both milling tank solutions > 120 F with active milling in one tank) unless otherwise directed by the District. Each source test shall be performed or witnessed by the District. (Rule 1200, 1421)
14. 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 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.
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

12. In the event of equipment malfunction or breakdown of process or emission control equipment, the District shall be notified in accordance with Rule 98.
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.)

San Diego County Air Pollution Control District

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Sectors: 4, L
Site ID: APCD1978-SITE-00031
App ID: APCD2024-APP-008126

PERMIT ID
APCD2003-PTO-870784

GKN Aerospace Chemtronics Inc
Environmental Engineer Tony Brentnall
1150 W Bradley Av
El Cajon CA, 92020

EQUIPMENT ADDRESS
GKN Aerospace Chemtronics Inc
Environmental Engineer Tony
1150 W Bradley Av
El Cajon CA 92020

PERMIT TO OPERATE

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EQUIPMENT OWNER

EQUIPMENT DESCRIPTION

Aerospace coating operation: conducted inside the scribe room (Building#4) equipped with a 24,000CFM fan using brushes and rollers using Rule 67.9 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: APCD2016-CON-001213

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

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Total Volatile Organic Compound (VOC) emissions from all materials used in the above emission unit shall be less than an average of twenty (20) pounds per day. The average daily VOC emissions shall be calculated by dividing the total VOC emissions in a calendar month by the number of days on which the coatings are applied in the emission unit in that calendar month. (Rule 20.2)
3. The permittee shall not use paint stripping solvents that contain methylene chloride (CAS 75-09-2) in paint removal processes. (Rule 1200, 40 CFR 63.11173)
4. Permittee shall not conduct any spray application of coatings containing compounds of chromium (Cr), lead (Pb), manganese (Mn), nickel (Ni), or cadmium (Cd). For the purposes of this condition, spray application means coatings that are applied using a hand-held device that creates an atomized mist of coating and deposits the coating on a substrate. Spray-applied coatings do not include the following materials or activities: coatings applied from a hand-held device with a paint cup capacity that is equal to or less than 3.0 fluid ounces (89 cubic centimeters) or surface coating application using powder coating, hand-held, non-refillable aerosol containers, or non-atomizing application technology, including, but not limited to, paint brushes, rollers, hand wiping, flow coating, dip coating, electro deposition coating, web coating, coil coating, touch-up markers, or marking pens. (NESHAP HHHHHH)

5. The VOC content of aerospace coatings subject to Rule 67.9 shall comply with the VOC limits under subsection (d)(1).
6. The use of coatings that are non-compliant with the VOC standards in Rule 67.9(d) shall not exceed 200 gallons per any consecutive twelve (12) month period for this stationary source. (Rule 67.9)
7. 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)
8. Aerospace surface preparation or surface cleaning 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 45 mm Hg or less at 20 C (68°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 67.9)
9. Any cleaning of coating application equipment in the aerospace coating operation shall comply with at least 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 is 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 67.9)
10. The permittee shall maintain records for aerospace coating operation in accordance with Rule 67.9. The records shall include the following information:
    a. current list of all materials in use, including coatings, coating components, stripping, surface cleaning, equipment cleaning materials or any other material containing volatile organic compound (VOC) and/or toxic air contaminant (TAC). This list shall provide the following information for each material in use:
    1. type and/or applicable category specified in subsections (d)(1), (d)(3), (d)(4), and (d)(5);
    2. manufacturer name and identification;
    3. mix ratio of components;
    4. VOC content per volume of coating less water and exempt compounds, as applied;
    5. VOC content per volume of material, total vapor pressure of VOC, or initial boiling point for each stripper, surface cleaning material, and equipment cleaning material, as applied to demonstrate compliance with Rule 67.9;
    6. for each multi-stage maskant, the applicable maskant category specified in Subsection (d)(1);
    b. monthly usage records for each VOC containing material and number of operating days per calendar month;
    c. current safety data sheets (SDS), manufacturer's specifications or analytical data for all materials in use. SDS, manufacturer's specifications, analytical data 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 material density (weight per volume) or material specific gravity (material density relative to the density of water), and vapor pressure and/or initial boiling point, as applicable to demonstrate compliance with the prohibitory rule, of all materials used for stripping, surface preparation and cleaning operations; and
    d. type of application equipment used.(Rule 67.9)

11. Maskant shall only be applied with brushes, spatulas, rollers or equivalent hand application methods as defined in Rule 67.9.
12. All records shall be retained on site for at least three (3) years and made readily available to the District upon request.
13. All materials containing volatile organic compounds shall be stored in closed containers in accordance with Rule 67.17 requirements. (Rule 67.17)
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.
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

2. Permittee shall not use perchloroethylene or perchloroethylene-containing materials in this coating operation.
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.)

San Diego County Air Pollution Control District

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10124 OLD GROVE ROAD, SAN DIEGO, CA 92131-1649
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Sectors: 4, L
Site ID: APCD1978-SITE-00031
App ID: APCD2024-APP-008126

PERMIT ID
APCD2003-PTO-880870

GKN Aerospace Chemtronics Inc
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EQUIPMENT ADDRESS
GKN Aerospace Chemtronics Inc
Environmental Engineer Tony
1150 W Bradley Av
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PERMIT TO OPERATE

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EQUIPMENT OWNER

GKN Aerospace Chemtronics Inc Tony Brentnall 1150 Bradley Avenue W, El Cajon, CA 92020

EQUIPMENT DESCRIPTION

an aerospace coating application station located in Building 1 and consisting of:
One (1) open-faced dry film lube booth:
Internal Dimensions: 48"W X 36"D X 80"H
Manufacturer: SBS GKN
Maintenance ID No. AV387
Stack Diameter: 1.5 ft
Stack Height: 23 ft
Fan rating: 3,000 CFM Vertical exhaust Equipped with a rain cap
Filter: three-stage with filter pad/prefilter blocks/HEPA final stage.
One (1) Wisconsin corporation model SWN-69-73 electric oven and
one (1) Blue M MP-966-GRI-HP electric oven, ovens shared with permit 981182.

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: APCD2015-CON-001006

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

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Total Volatile Organic Compound (VOC) emissions from all materials used in the above emission unit shall be less than an average of twenty (20) pounds per day. The average daily VOC emissions shall be calculated by dividing the total VOC emissions in a calendar month by the number of days on which the coatings are applied in the emission unit in that calendar month. (Rule 20.2)
2. All spray-applied coatings must be applied in the spray booth described above. (NESHAP HHHHHH & Rule 1200)

3. The permittee shall not use paint stripping solvents that contain methylene chloride (CAS 75-09-2) in paint removal processes. (Rule 1200, 40 CFR 63.11173)
4. The paint booth described above shall be equipped with HEPA filters certified by the manufacturer to have a minimum control efficiency of 99.97% for 0.3 micron particles according to MIL STD 282 Method 102.9.1. (Rule 1200, 40 CFR 63 Subpart HHHHHH)
5. The HEPA filter shall be equipped with operational and permanently installed differential pressure gauge to measure the pressure drop. The pressure gauge shall be calibrated in accordance with the manufacturer's instructions. A copy of the instructions shall be maintained on-site and shall be made readily available to the District upon request. (Rule 1200, 40 CFR 63 Subpart HHHHHH)
6. The pressure drop measured across the HEPA filter system shall be maintained within the range stated in the manufacturer's specifications for the filter. (Rule 1200, 40 CFR 63 Subpart HHHHHH)
7. Pressure gauge readings shall be recorded during each day of operation. Explanation and corrective action shall be noted in the logbook on the day of inspection/maintenance. (Rule 1200, 40 CFR 63 Subpart HHHHHH)
8. If the pressure drop exceeds the limits specified by the manufacturer's specifications for the HEPA filters, the permittee shall shut down the operation immediately and take corrective action. The operation shall not be resumed until the pressure drop is returned within the specified limit(s). (Rule 1200, 40 CFR 63 Subpart HHHHHH)
9. Permittee must perform regular inspection and replacement of the filters according to manufacturer's instructions. Manufacturer's specification for filter inspection and replacement shall be available on site and available to the District upon request. (Rule 1200, NESHAP HHHHHH)
10. All paint spray gun cleaning must be done so that an atomized mist or spray of gun cleaning solvent and paint residue is not created outside of the container that collects used gun cleaning solvent. (NESHAPS HHHHHH)
11. All painters must complete a training course that meets the requirements specified in the following condition within 180 days after hiring. This certification will be valid for five (5) years. A refresher course must be completed for re-certification every five (5) years. (NESHAPS HHHHHH)
12. The painters training course shall include at a minimum hands-on demonstration and classroom instruction in:
    a. selection, set up, and operation of spray gun equipment, including measuring coating viscosity, selecting proper fluid tip or nozzle, and achieving the proper spray pattern, air pressure and volume, and fluid delivery rate; and,
    b. spray techniques for different types of coatings to improve transfer efficiency and minimize coating usage and overspray, including maintaining the correct spray gun distance and angle to the substrate, using proper banding and overlap, and reducing lead and lag spraying at the beginning and end of each stroke; and,
    c. routine spray booth and filter maintenance, including filter selection and installation. (NESHAPS HHHHHH)
13. The permittee shall submit a report to the District every calendar year in which information previously submitted has changed. This report should include changes associated with the initial notification required by §63.11175(a), or Notification of Compliance, or a previous annual notification of changes report submitted under this condition. This report shall include any deviations from relevant requirements under § 63.11173 (e) - (g), which includes:
    a. proper training of all painters;
    b. use of proper application equipment (e.g. HVLP);
    c. use of spray booth when coatings are applied, with proper ventilation and filters;
    d. proper cleaning of application equipment. (NESHAP HHHHHH)
14. The annual notification of changes report must be submitted to the District prior to March 1 of each calendar year when reportable changes have occurred and must include the following information:
    a. the company's name and the street address (physical location) and the street address where compliance records are maintained, if different;
    b. the name, title, address, telephone, e-mail address (if available) and signature of the owner and operator, or other certifying company official, certifying the truth, accuracy, and completeness of the notification;
    c. a statement of whether the source has complied with all the relevant standards and other requirements of this permit or an explanation of any noncompliance and a description of corrective actions being taken to achieve compliance. (NESHAPS HHHHHH)

15. All records required by this permit, including emission and usage records, shall be maintained on site for at least five (5) years and made readily available to the District upon request. (NESHAP HHHHHH)
16. The VOC content of aerospace coatings subject to Rule 67.9 shall comply with the VOC limits under subsection (d)(1).
17. The use of coatings that are non-compliant with the VOC standards in Rule 67.9(d) shall not exceed 200 gallons per any consecutive twelve (12) month period for this stationary source. (Rule 67.9)
18. 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)
19. Aerospace surface preparation or surface cleaning 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 45 mm Hg or less at 20 C (68°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 67.9)
20. The permittee shall maintain records for aerospace coating operation in accordance with Rule 67.9 and NESHAP HHHHHH. The records shall include the following information:
    a. current list of all materials in use, including coatings, coating components, stripping, surface cleaning, equipment cleaning materials or any other material containing volatile organic compound (VOC) and/or toxic air contaminant (TAC). This list shall provide the following information for each material in use:
    1. type and/or applicable category specified in subsections (d)(1), (d)(3), (d)(4), and (d)(5);
    2. manufacturer name and identification;
    3. mix ratio of components;
    4. VOC content per volume of coating less water and exempt compounds, as applied;
    5. VOC content per volume of material, total vapor pressure of VOC, or initial boiling point for each stripper, surface cleaning material, and equipment cleaning material, as applied to demonstrate compliance with Rule 67.9;
    6. for each multi-stage maskant, the applicable maskant category specified in Subsection (d)(1);
    b. monthly usage records for each VOC containing material and number of operating days per calendar month;
    c. current safety data sheets (SDS), manufacturer's specifications or analytical data for all materials in use. SDS, manufacturer's specifications, analytical data 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 material density (weight per volume) or material specific gravity (material density relative to the density of water), and vapor pressure and/or initial boiling point, as applicable to demonstrate compliance with the prohibitory rule, of all materials used for stripping, surface preparation and cleaning operations;
    d. current list of personnel by name and job description that are required to be trained;
    e. records describing the methods being used to train the painters, including demonstration that the training meets all the requirements specified in this permit to operate;
    f. type of application equipment used;
    g. manufacturer data on the exhaust filter's efficiency;
    h. a inspection and maintenance logbook containing the records of the pressure gauge readings;
    i. certification that each painter has completed the training specified in §63.11173 with the date the initial training was conducted and the date most recent refresher training was completed;
    j. any notifications, initial or compliance status, as required by § 63.11175;
    k. any notification of changes reports submitted, as required by § 63.11176; and,
    l. records of any assessments of source compliance performed in support of the initial notification, notification of compliance status or annual notification of changes report.
    (Rule 67.9 & NESHAP HHHHHH)

21. 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, hand application methods (brushes, rollers, markers, marking pens, etc.), or airless spray application for use with maskants and temporary coatings only. Alternatively, an equivalent application method that has been approved by the District in writing might be used. (Rule 67.9)
22. 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)
23. 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)
24. All materials containing volatile organic compounds shall be stored in closed containers in accordance with Rule 67.17 requirements. (Rule 67.17)
26. 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

27. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
28. 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.)

San Diego County Air Pollution Control District

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

Sectors: 4, L
Site ID: APCD1978-SITE-00031
App ID: APCD2024-APP-008126

PERMIT ID
APCD2003-PTO-941146

GKN Aerospace Chemtronics Inc
Environmental Engineer Tony Brentnall
1150 W Bradley Av
El Cajon CA, 92020

EQUIPMENT ADDRESS
GKN Aerospace Chemtronics Inc
Environmental Engineer Tony
1150 W Bradley Av
El Cajon CA 92020

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

EQUIPMENT DESCRIPTION

AEROSPACE COATING APPLICATION STATION, CONSISTING OF: ONE (1) BINKS MODEL PFA 16-10-TLO PAINT SPRAY BOOTH, 16'8"L X 16'5"W X 10'5"H, EQUIPPED WITH EXHAUST FAN, THREE-STAGE FILTERS WITH THIRD STAGE (HEPA) AT 99.97% EFFICIENCY ON 0.3 UM AT RATED FLOW, VENTED TO FOUR (4) TSU 1000R CARBON ADSORBERS (4,500-CFM EACH); IPEI ELECTRIC OVEN (200 DEG F); TWO (2) DEVILBISS MODEL JGA COMPRESSED AIR & ONE (1) DEVILBISS MODEL MSV 531 HVLP SPRAY GUNS; ONE (1) VOLUMETRIC FLOW METER AND ONE (1) DIFFERENTIAL PRESSURE GAUGE. #974903 (4/00) 977562/941146/ATS/NOAPP

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 [27I] Surface Coating Application Station

BEC: 11026

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

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Combined usage of coatings applied in this equipment shall not exceed 1100 gallons in any consecutive 12 months of operation.
4. The non-regenerative carbon beds shall be replaced at 90% saturation or for every 594 pounds of VOC adsorbed (approximately for every 78 gallons of combined coatings used). Records of carbon bed replacements, carbon adsorber effluent volumetric flow rate and any maintenance done shall be maintained on site for at least three years and shall be made available to the District upon request.
5. 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.
6. All spray-applied coatings must be applied in the spray booth described above. (NESHAP HHHHHH & Rule 1200)

7. The permittee shall not use paint stripping solvents that contain methylene chloride (CAS 75-09-2) in paint removal processes. (Rule 1200, 40 CFR 63.11173)
8. The paint booth described above shall be equipped with HEPA filters certified by the manufacturer to have a minimum control efficiency of 99.97% for 0.3 micron particles according to MIL STD 282 Method 102.9.1. (Rule 1200, 40 CFR 63 Subpart HHHHHH)
9. A label shall be applied to the HEPA filter certifying that it has been inspected at the factory. The label shall also indicate the brand name, manufacturer, test air flow direction, overall penetration, initial resistance, test air flow capacity and serial number.
10. The pressure drop measured across the HEPA filter system shall be maintained within the range stated in the manufacturer's specifications for the filter. (Rule 1200, 40 CFR 63 Subpart HHHHHH)
11. Pressure gauge readings shall be recorded during each day of operation. Explanation and corrective action shall be noted in the logbook on the day of inspection/maintenance. (Rule 1200, 40 CFR 63 Subpart HHHHHH)
12. If the pressure drop exceeds the limits specified by the manufacturer's specifications for the HEPA filters, the permittee shall shut down the operation immediately and take corrective action. The operation shall not be resumed until the pressure drop is returned within the specified limit(s). (Rule 1200, 40 CFR 63 Subpart HHHHHH)
13. Permittee must perform regular inspection and replacement of the filters according to manufacturer's instructions. Manufacturer's specification for filter inspection and replacement shall be available on site and available to the District upon request. (Rule 1200, NESHAP HHHHHH)
14. The annual notification of changes report must be submitted to the District prior to March 1 of each calendar year when reportable changes have occurred and must include the following information:
a. the company's name and the street address (physical location) and the street address where compliance records are maintained, if different;
b. the name, title, address, telephone, e-mail address (if available) and signature of the owner and operator, or other certifying company official, certifying the truth, accuracy, and completeness of the notification;
c. a statement of whether the source has complied with all the relevant standards and other requirements of this permit or an explanation of any noncompliance and a description of corrective actions being taken to achieve compliance. (MACT HHHHHH)
15. All painters must complete a training course that meets the requirements specified in the following condition within 180 days after hiring or 180 days after the Construction Completion Notice is submitted to the District, whichever is later. This certification will be valid for five (5) years. A refresher course must be completed for re-certification every five (5) years. (MACT HHHHHH)
16. The painters training course shall include at a minimum hands-on demonstration and classroom instruction in:
a. selection, set up, and operation of spray gun equipment, including measuring coating viscosity, selecting proper fluid tip or nozzle, and achieving the proper spray pattern, air pressure and volume, and fluid delivery rate; and,
b. spray techniques for different types of coatings to improve transfer efficiency and minimize coating usage and overspray, including maintaining the correct spray gun distance and angle to the substrate, using proper banding and overlap, and reducing lead and lag spraying at the beginning and end of each stroke; and,
c. routine spray booth and filter maintenance, including filter selection and installation. (MACT HHHHHH)
17. Permittee shall comply with all applicable requirements of Rule 67.9.
18. The permittee shall submit a report to the District every calendar year in which information previously submitted has changed. This report should include changes associated the initial notification required by § 63.11175(a), or Notification of Compliance, or a previous annual notification of changes report submitted under this condition. This report shall include any deviations from relevant requirements under § 63.11173 (e) - (g), which includes:
a. proper training of all painters;
b. use of proper application equipment (e.g. HVLP);
c. use of spray booth when coatings are applied, with proper ventilation and filters;
d. proper cleaning of application equipment. (MACT HHHHHH)

19. All records required by this permit, including emission and usage records, shall be maintained on site for at least five (5) years and made readily available to the District upon request. (NESHAP HHHHHH)
20. The VOC content of aerospace coatings subject to Rule 67.9 shall comply with the VOC limits under subsection (d)(1).
21. The use of coatings that are non-compliant with the VOC standards in Rule 67.9(d) shall not exceed 200 gallons per any consecutive twelve (12) month period for this stationary source. (Rule 67.9)
22. 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)
23. All paint spray gun cleaning must be done so that an atomized mist or spray of gun cleaning solvent and paint residue is not created outside of the container that collects used gun cleaning solvent. (MACT HHHHHH)
24. The permittee shall maintain records for aerospace coating operation in accordance with Rule 67.9 and MACT HHHHHH. The records shall include the following information:
a. current list of all materials in use, including coatings, coating components, stripping, surface cleaning, equipment cleaning materials or any other material containing volatile organic compound (VOC) and/or toxic air contaminant (TAC). This list shall provide the following information for each material in use:
1. type and/or applicable category specified in subsections (d)(1), (d)(3), (d)(4), and (d)(5);
2. manufacturer name and identification;
3. mix ratio of components;
4. VOC content per volume of coating less water and exempt compounds, as applied;
5. VOC content per volume of material, total vapor pressure of VOC, or initial boiling point for each stripper, surface cleaning material, and equipment cleaning material, as applied to demonstrate compliance with Rule 67.9;
6. for each multi-stage maskant, the applicable maskant category specified in Subsection (d)(1);
b. daily or monthly usage records for each VOC containing material;
c. current material safety data sheets (MSDS), manufacturer's specifications or analytical data for all materials in use. MSDS, manufacturer's specifications, analytical data 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 material density (weight per volume) or material specific gravity (material density relative to the density of water), and vapor pressure and/or initial boiling point, as applicable to demonstrate compliance with the prohibitory rule, of all materials used for stripping, surface preparation and cleaning operations;
d. current list of personnel by name and job description that are required to be trained;
e. records describing the methods being used to train the painters, including demonstration that the training meets all the requirements specified in this permit to operate;
f. type of application equipment used;
g. manufacturer data on the exhaust filter's efficiency;
h. certification that each painter has completed the training specified in § 63.11173 with the date the initial training was conducted and the date most recent refresher training was completed;
i. any notifications, initial or compliance status, as required by § 63.11175;
j. any notification of changes reports submitted, as required by § 63.11176; and,
k. records of any assessments of source compliance performed in support of the initial notification, notification of compliance status or annual notification of changes report.
(Rule 67.9 & MACT HHHHHH)
25. 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, hand application methods (brushes, rollers, markers, marking pens, etc.), or airless spray application for use with maskants and temporary coatings only. Alternatively, an equivalent application method that has been approved by the District in writing might be used. (Rule 67.9)

26. 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.
27. 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.
28. All materials containing volatile organic compounds shall be stored in closed containers in accordance with Rule 67.17 requirements. (Rule 67.17)
30. 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)
31. 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]
33. 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.)

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

2. Chrome pigmented coatings used shall not contain more than 33% by weight hexavalent chromium.
3. Exhaust flow rate through the carbon adsorbers shall exceed 13,000 - CFM. An acceptable flow measurement technique (for example, installed calibrated pitot tube and conversion chart, etc) shall be maintained and operated at all times when the process equipment is in use.
29. All emissions shall be directed to a vertical stack, 20" x 30" cross-sectional dimensions and 27' above ground level without any obstruction to vertical flow (i.e., no rain caps). A hinged-type rain cap may be used provided it flips open continuously when the equipment is in operation.
32. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.

San Diego County Air Pollution Control District

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

Sectors: 4, L
Site ID: APCD1978-SITE-00031
App ID: APCD2024-APP-008126

PERMIT ID
APCD2006-PTO-981182

GKN Aerospace Chemtronics Inc
Environmental Engineer Tony Brentnall
1150 W Bradley Av
El Cajon CA, 92020

EQUIPMENT ADDRESS
GKN Aerospace Chemtronics Inc
Environmental Engineer Tony
1150 W Bradley Av
El Cajon CA 92020

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

EQUIPMENT DESCRIPTION

An aerospace coating operation located in Building 3 and consisting of:
one (1) enclosed paint spray booth;
manufacturer: SBS;
model: unknown;
internal dimensions: 48" W x 78" D x 84" H;
equipped with a 2,000 CFM exhaust fan;
stack height: 37 feet;
stack diameter: 1.5 feet;
vertical exhaust with no rain cap/flapper valve;
AFSI model 2400 VOM mist collector three-stage exhaust filter system (includes paint arrestor pad, pleated air filters and HEPA filter);
and one (1) grieve model HX-500 (S/N 490213) electric oven which exhaust into the building.

one (1) open-faced dry film lube spray booth;
manufacturer: Donaldson-Torit;
model: ECB-2;
internal dimensions: 85" W x 90" D x 84" H;
equipped with either a 6,200 or 9,000 CFM fan;
stack height: 37 feet;
stack diameter: 1.5 feet;
vertical exhaust with no rain cap/flapper valve;
equipped with HEPA filter; and
one (1) Wisconsin corporation model SWN-68-7E (S/N 032559210) electric oven shared with PTO 880870.
Oven exhaust is equipped with a rain cap.

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.

Sectors: 4, L
Site ID: APCD1978-SITE-00031
App ID: APCD2024-APP-008126

PERMIT ID
APCD2006-PTO-981182

Fee Schedules: 2 [27K] Surface Coating Application Station

BEC: APCD2015-CON-001005

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

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Total volatile organic compound (VOC) emissions from all materials used in the above operation shall be less than an average of ten pounds per day. The average daily VOC emissions shall be calculated by dividing the total VOC emissions in a calendar month by the number of days on which coating operations are conducted in that calendar month. (Rule 20.2)
6. Hexavalent chromium-containing and other metal-pigmented coatings shall be applied only in the enclosed booth with door kept closed at all times when spraying is conducted. (Rule 1200)
7. The permittee shall not use paint stripping solvents that contain methylene chloride (CAS 75-09-2) in paint removal processes. (Rule 1200, 40 CFR 63.11173)
8. The paint booth described above shall be equipped with HEPA filters certified by the manufacturer to have a minimum control efficiency of 99.97% for 0.3 micron particles according to MIL STD 282 Method 102.9.1. (Rule 1200, 40 CFR 63 Subpart HHHHHH)
9. The HEPA filter shall be equipped with operational and permanently installed differential pressure gauge to measure the pressure drop. The pressure gauge shall be calibrated in accordance with the manufacturer's instructions. A copy of the instructions shall be maintained on-site and shall be made readily available to the District upon request. (Rule 1200, 40 CFR 63 Subpart HHHHHH)
10. The pressure drop measured across the HEPA filter system shall be maintained within the range stated in the manufacturer's specifications for the filter. (Rule 1200, 40 CFR 63 Subpart HHHHHH)
11. Pressure gauge readings shall be recorded during each day of operation. Explanation and corrective action shall be noted in the logbook on the day of inspection/maintenance. (Rule 1200, 40 CFR 63 Subpart HHHHHH)
12. If the pressure drop exceeds the limits specified by the manufacturer's specifications for the HEPA filters, the permittee shall shut down the operation immediately and take corrective action. The operation shall not be resumed until the pressure drop is returned within the specified limit(s). (Rule 1200, 40 CFR 63 Subpart HHHHHH)
13. Permittee must perform regular inspection and replacement of the filters according to manufacturer's instructions. Manufacturer's specification for filter inspection and replacement shall be available on site and available to the District upon request. (Rule 1200, NESHAP HHHHHH)
14. All paint spray gun cleaning must be done so that an atomized mist or spray of gun cleaning solvent and paint residue is not created outside of the container that collects used gun cleaning solvent. (NESHAPS HHHHHH)
15. All painters must complete a training course that meets the requirements specified in the following condition within 180 days after hiring. This certification will be valid for five (5) years. A refresher course must be completed for re-certification every five (5) years. (NESHAPS HHHHHH)
16. The painters training course shall include at a minimum hands-on demonstration and classroom instruction in:
a. selection, set up, and operation of spray gun equipment, including measuring coating viscosity, selecting proper fluid tip or nozzle, and achieving the proper spray pattern, air pressure and volume, and fluid delivery rate; and,
b. spray techniques for different types of coatings to improve transfer efficiency and minimize coating usage and overspray, including maintaining the correct spray gun distance and angle to the substrate, using proper banding and overlap, and reducing lead and lag spraying at the beginning and end of each stroke; and,
c. routine spray booth and filter maintenance, including filter selection and installation. (NESHAPS HHHHHH)

17. The permittee shall submit a report to the District every calendar year in which information previously submitted has changed. This report should include changes associated with the initial notification required by §63.11175(a), or Notification of Compliance, or a previous annual notification of changes report submitted under this condition. This report shall include any deviations from relevant requirements under § 63.11173 (e) - (g), which includes:
a. proper training of all painters;
b. use of proper application equipment (e.g. HVLP);
c. use of spray booth when coatings are applied, with proper ventilation and filters;
d. proper cleaning of application equipment. (NESHAP HHHHHH)

18. The annual notification of changes report must be submitted to the District prior to March 1 of each calendar year when reportable changes have occurred and must include the following information:
a. the company's name and the street address (physical location) and the street address where compliance records are maintained, if different;
b. the name, title, address, telephone, e-mail address (if available) and signature of the owner and operator, or other certifying company official, certifying the truth, accuracy, and completeness of the notification;
c. a statement of whether the source has complied with all the relevant standards and other requirements of this permit or an explanation of any noncompliance and a description of corrective actions being taken to achieve compliance. (NESHAPS HHHHHH)

19. All records required by this permit, including emission and usage records, shall be maintained on site for at least five (5) years and made readily available to the District upon request. (NESHAP HHHHHH)

20. The VOC content of aerospace coatings subject to Rule 67.9 shall comply with the VOC limits under subsection (d)(1).

21. The use of coatings that are non-compliant with the VOC standards in Rule 67.9(d) shall not exceed 200 gallons per any consecutive twelve (12) month period for this stationary source. (Rule 67.9)

22. 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)

23. Aerospace surface preparation or surface cleaning 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 45 mm Hg or less at 20 C (68°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 67.9)

24. Permittee shall maintain records for aerospace coating operation in accordance with Rule 67.9 and NESHAP HHHHHH. The records shall include the following information:
a. current list of all materials in use, including coatings, coating components, stripping, surface cleaning, equipment cleaning materials or any other material containing volatile organic compound (VOC) and/or toxic air contaminant (TAC). This list shall provide the following information for each material in use:
1. type and/or applicable category specified in subsections (d)(1), (d)(3), (d)(4), and (d)(5);
2. manufacturer name and identification;
3. mix ratio of components;
4. VOC content per volume of coating less water and exempt compounds, as applied;
5. VOC content per volume of material, as applied, or total vapor pressure of VOC, or initial boiling point for each stripper, surface cleaning material, and equipment cleaning material to demonstrate compliance with Rule 67.9;
6. for each multi-stage maskant, the applicable maskant category specified in Subsection (d)(1);
b. daily or monthly usage records for each VOC containing material. If monthly records are maintained, the number of operating days per calendar month shall be recorded;
c. current safety data sheets (SDS), manufacturer's specifications or analytical data for all materials in use. SDS, manufacturer's specifications, analytical data 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 material density (weight per volume) or material specific gravity (material density relative to the density of water), and vapor pressure and/or initial boiling point, as applicable to demonstrate compliance with the prohibitory rule, of all materials used for stripping, surface preparation and cleaning operations;
d. current list of personnel by name and job description that are required to be trained;
e. records describing the methods being used to train the painters, including demonstration that the training meets all the requirements specified in this permit to operate;
f. type of application equipment used;
g. hourly usage of isopropanol, daily usage of materials containing ethylene glycol ethyl ether acetate and annual usage of materials containing hexavalent chromium;
h. the logbook containing the records for inspection, maintenance, and pressure readings for the filters;
i. certification that each painter has completed the training specified in §63.11173 with the date the initial training was conducted and the date most recent refresher training was completed;
j. any notifications, initial or compliance status, as required by § 63.11175;
k. any notification of changes reports submitted, as required by § 63.11176;
l. records of any assessments of source compliance performed in support of the initial notification, notification of compliance status or annual notification of changes report.
(Rule 67.9 & NESHAP HHHHHH)

25. 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, hand application methods (brushes, rollers, markers, marking pens, etc.), or airless spray application for use with maskants and temporary coatings only. Alternatively, an equivalent application method that has been approved by the District in writing might be used. (Rule 67.9)

26. 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)

27. 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)

28. All materials containing volatile organic compounds shall be stored in closed containers in accordance with Rule 67.17 requirements. (Rule 67.17)

29. 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)
30. 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]
31. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.

B. DISTRICT-ONLY ENFORCEABLE CONDITIONS

2. Total annual usage of hexavalent chromium-containing coating in this coating operation shall not exceed 20 gallons. Concentration of hexavalent chromium (CAS#18540-29-9) in such coating shall be less or equal to 0.64 lb per gallon of coating. (Rule 1200)
3. Total daily usage of ethylene glycol ethyl ether acetate-containing coating in this coating operation shall not exceed 0.8 gallon. Concentration of ethylene glycol ethyl ether acetate (CAS# 111-15-9) in such coating shall be less or equal to 0.57 lb per gallon of coating. (Rule 1200)
4. The hourly usage of isopropanol (CAS# 67-63-0) in this coating operation shall not exceed 0.375 pounds or 7.31 fluid ounces per hour. (Rule 1200)
5. Permittee shall not use toxic air contaminants (TAC) specified in Rule 1200 unless written permission is obtained from the District, except for the following TAC:
   a. hexavalent chromium (CAS#18540-29-9) e.g. chromium in lead chromate;
   b. copper (CAS#7440-50-8);
   c. ethyl benzene (CAS#100-41-4);
   d. ethylene glycol ethyl ether acetate (CAS# 111-15-9);
   e. formaldehyde (CAS# 50-00-0);
   f. manganese (CAS#7439-96-5);
   g. nickel (CAS#7440-02-0);
   h. propylene glycol methyl ether (CAS# 107-98-2);
   i. isopropanol (CAS#67-63-0);
   j. toluene (CAS#108-88-3);
   k. xylene (CAS#1330-20-7);
   l. methanol (CAS#67-56-1);
   m. isophorone (CAS#78-59-1);
   n. methyl ethyl ketone (CAS#78-93-3);
   o. ethylene glycol butyl ether (CAS#111-76-2);
   p. o-cresol (CAS#95-48-7);
   q. phenol (CAS#108-95-2); and
   r. barium sulfate (CAS#9960)
32. 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.)

San Diego County Air Pollution Control District

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

Sectors: 4, L
Site ID: APCD1978-SITE-00031
App ID: APCD2024-APP-008126

PERMIT ID
APCD2024-PTO-004848

GKN Aerospace Chemtronics Inc
Environmental Engineer Tony Brentnall
1150 W Bradley Av
El Cajon CA, 92020

EQUIPMENT ADDRESS
GKN Aerospace Chemtronics Inc
Environmental Engineer Tony
1150 W Bradley Av
El Cajon CA 92020

PERMIT TO OPERATE

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

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EQUIPMENT OWNER

GKN Aerospace Chemtronics Inc 1150 W Bradley Ave, El Cajon, CA 92020

EQUIPMENT DESCRIPTION

Aerospace coating operation consisting of an open faced booth and electric oven:
Negatively ventilated open faced spray booth;
Manufacturer: AAIR Purification Systems
Model: IB-BS IB-05-08-05-00
Dimensions: 5'L X 5'W X 8'L
Exhaust flow: 4,000 cfm
Filter: filter pad / pleated filters / HEPA

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: APCD2020-CON-001744

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 the above operation shall be less than ten (10) pounds per day. (Rule 20.2)
3. The permittee shall not use paint stripping solvents that contain methylene chloride (CAS 75-09-2) in paint removal processes. (Rule 1200, 40 CFR 63.11173)

4. Permittee shall not conduct any spray application of coatings containing compounds of chromium (Cr), lead (Pb), manganese (Mn), nickel (Ni), or cadmium (Cd). For the purposes of this condition, spray application means coatings that are applied using a hand-held device that creates an atomized mist of coating and deposits the coating on a substrate. Spray-applied coatings do not include the following materials or activities: coatings applied from a hand-held device with a paint cup capacity that is equal to or less than 3.0 fluid ounces (89 cubic centimeters) or surface coating application using powder coating, hand-held, non-refillable aerosol containers, or non-atomizing application technology, including, but not limited to, paint brushes, rollers, hand wiping, flow coating, dip coating, electro deposition coating, web coating, coil coating, touch-up markers, or marking pens. (NESHAP HHHHHH)
5. The VOC content of aerospace coatings subject to Rule 67.9 shall comply with the VOC limits under subsection (d)(1).
6. The use of coatings that are non-compliant with the VOC standards in Rule 67.9(d) shall not exceed 200 gallons per any consecutive twelve (12) month period for this stationary source. (Rule 67.9)
7. 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)
8. Aerospace surface preparation or surface cleaning 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 45 mm Hg or less at 20°C (68°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 67.9)
9. Any cleaning of coating application equipment in the aerospace coating operation shall comply with at least 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 is 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 67.9)

10. The permittee shall maintain records for aerospace coating operation in accordance with Rule 67.9. The records shall include the following information:
a. current list of all materials in use, including coatings, coating components, stripping, surface cleaning, equipment cleaning materials or any other material containing volatile organic compound (VOC) and/or toxic air contaminant (TAC). This list shall provide the following information for each material in use:
1. type and/or applicable category specified in subsections (d)(1), (d)(3), (d)(4), and (d)(5);
2. manufacturer name and identification;
3. mix ratio of components;
4. VOC content per volume of coating less water and exempt compounds, as applied;
5. for each multi-stage maskant, the applicable maskant category specified in subsection (d)(1);
b. daily usage records for each VOC-containing material;
c. current material safety data sheets (MSDS), manufacturer's specifications or analytical data for all materials in use. MSDS, manufacturer's specifications, analytical data 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 material density (weight per volume) or material specific gravity (material density relative to the density of water); and
d. The type of application equipment used. (Rule 67.9 and 21)
11. 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, hand application methods (brushes, rollers, markers, marking pens, etc.), or an equivalent application method that has been approved by the District in writing. Airless spray application is only allowed for aerospace coating operations when applying maskants and temporary coatings. (Rules 67.9/67.20.1/67.3)
12. 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)
13. 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)
14. All records shall be retained on site for at least three (3) years and made readily available to the District upon request.
15. All materials containing volatile organic compounds shall be stored in closed containers in accordance with Rule 67.17 requirements. (Rule 67.17)
16. 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)
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

2. All spray application of materials containing volatile organic compounds (VOC) and/or toxic air contaminants (TACs) shall only be conducted in the booth specified above, where the exhaust fans and exhaust filters are installed and operating properly. (Rule 1200)
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.)

San Diego County Air Pollution Control District

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Sectors: 4, L
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App ID: APCD2024-APP-008126

PERMIT ID
APCD2008-PTO-974535

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PERMIT TO OPERATE

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EQUIPMENT OWNER

EQUIPMENT DESCRIPTION

COLD SOLVENT CYLINDRICAL DIP TANK: DIMENSIONS: 90-INCH DIAMETER X 120 INCHES HIGH DEGREASING SOLVENT: SEE ATTACHMENT AA 974535 GDS 3/00 #974903 (4/00) 976803 GDS 0402(MODIFIED 07-08 SRH)

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: APCD2010-CON-000141

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. The permittee shall only use solvents listed in Attachment AA for the equipment described above. (Rule 67.6.1)
3. The degreaser 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 0.5. 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.
13. The permittee shall keep emission records including the type and amounts of solvent added to each degreaser, number of operating days and dates of solvents added to and removed from each solvent cleaner. These records shall be kept on site for three (3) years and made available to the District upon request. (Rule 67.6.1 or 67.6.2)
14. Current material safety data sheets (MSDS) or manufacturer specifications for each 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.
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.)

San Diego County Air Pollution Control District

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Sectors: 4, L
Site ID: APCD1978-SITE-00031
App ID: APCD2024-APP-008126

PERMIT ID
APCD2010-PTO-000401

GKN Aerospace Chemtronics Inc
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1150 W Bradley Av
El Cajon CA, 92020

EQUIPMENT ADDRESS
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PERMIT TO OPERATE

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EQUIPMENT OWNER

EQUIPMENT DESCRIPTION

Emergency Standby Diesel Engine: Deere, Model: 6068HFS89, S/N: CD6068L013267, 315 bhp, Tier 3 certified, Family No.: 7JDXL06.8101, Model Year: 2007, turbocharged, driving a 235 kW Leroy Somer generator.

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 [34H] California Certified Emergency Standby Engine

BEC: APCD2020-CON-001647

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

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. The engine shall be operated exclusively during emergencies as defined in Rule 69.4.1 or Rule 12 or 17CCR93115 as applicable, or for maintenance and testing.
2. This engine shall not be used as a part of a non-emergency Demand Response Program (DRP). This condition shall not apply to engines operating pursuant to the rolling blackout reduction program as defined in 17 CCR 93115 and operating in accordance with 17 CCR 93115.6(c). (17 CCR 93115)
3. Engine operation for maintenance and testing purposes shall not exceed 50 hours per calendar year. (17 CCR 93115, Rule 1200, Rule 20.3)
4. This engine shall only use CARB diesel fuel. (Rule 69.4.1, 17 CCR 93115, 40 CFR 60 Subpart IIII)
5. Visible emissions including crank case smoke shall comply with Air Pollution Control District Rule 50. (Rule 50)
6. The equipment described above shall not cause or contribute to a public nuisance. (Rule 51)

7. This engine shall not operate for non-emergency use during the following periods, as applicable:
(a) whenever there is any school sponsored activity, if engine is located on school grounds or
(b) between 7:30am and 3:30pm on days when school is in session, if the engine is located within 500 feet of, but not on, school grounds.
This condition shall not apply to an engine located at or near any school grounds that also serve as the students' place of residence. (17 CCR 93115)

8. Engine operation in response to notification of an impending rotating outage shall be subject to all the following restrictions:
(a) the utility distribution company has ordered rotating outages in the control area where the engine is located,
(b) the engine is operated no more than 30 minutes prior to the time when the utility distribution company officially forecasts a rotating outage in the cited control area, and
(c) the engine operation is terminated immediately after the utility distribution company advises that a rotating outage is no longer in effect.
This condition shall not apply to engines operating pursuant to the rolling blackout reduction program as defined in 17 CCR 93115 and operating in accordance with 17 CCR 93115.6(c). (17 CCR 93115)

9. A non-resettable engine hour meter shall be installed on this engine, maintained in good working order, and used for recording engine operation hours. If a meter is replaced, the Air Pollution Control District's Compliance Division shall be notified in writing within 10 calendar days. The written notification shall include the following information:
(a) old meter's hour reading,
(b) replacement meter's manufacturer name, model and serial number if available and current hour reading on replacement meter, and
(c) copy of receipt of new meter or of installation work order.
A copy of the meter replacement notification shall be maintained onsite and made available to the Air Pollution Control District upon request.
(Rule 69.4.1, 17 CCR 93115, 40 CFR 60 Subpart IIII, 40 CFR 63 Subpart ZZZZ)

10. The owner or operator of this engine shall install, configure, operate, and maintain this engine and control device, if any, according to the manufacturer's emission-related written instructions. The owner or operator may change only those emission-related settings that are permitted by the manufacturer. The periodic maintenance shall be conducted at least once each calendar year. (Rule 69.4.1, 40 CFR 60 Subpart IIII)

11. The owner or operator of this engine shall conduct periodic maintenance of the engine and add-on control equipment, if any, as recommended by the engine and control equipment manufacturers or as specified by the engine servicing company's maintenance procedures. Maintenance shall be conducted at least once each calendar year, and shall include, but is not limited to, the following:
1) Change oil and filter, or test in accordance with the requirements of 40 CFR §63.6625(i) or (j);
2) Inspect and clean air filters, replacing as necessary; and
3) Inspect all hoses and belts, replacing as necessary.
Documentation of oil and filter changes or copies of the oil test analysis shall be kept on site and made available upon request. If testing in accordance with 40 CFR §63.6625(i) or (j), the oil analysis program must analyze the Total Base Number, viscosity and percent water content (for compression ignition engines) and the Total Acid Number, viscosity and percent water content (for spark ignited engines). If all of these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator must change the oil within 2 business days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator must change the oil within 2 business days or before commencing operation, whichever is later. The owner or operator must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine.
(Rule 69.4.1, 40 CFR 63 Subpart ZZZZ)

12. The owner or operator of the engine shall maintain the following records on site for at least the same period of time as the engine to which the records apply is located at the site:
(a) documentation shall be maintained identifying the fuel as CARB diesel, and
(b) manual of recommended maintenance provided by the manufacturer.
(Rule 69.4.1, 17 CCR 93115, 40 CFR 60 Subpart IIII)

13. The owner or operator of this engine shall maintain a monthly operating log containing, at a minimum, the following:
(a) dates and elapsed times of every instance of engine operation based on actual readings of the engine hour meter; whether the operation was for maintenance and testing purposes or emergency use; and the nature of the emergency;
(b) if located within 500 feet of a school, the time of day of every instance of engine operation for testing and maintenance, unless the engine emits no more than 0.01 g/bhp-hr of diesel particulate matter or meets the requirements specified in 17CCR, Section 93115.13(f);
(c) for a total external power outage, documentation from the serving utility of an outage in the area where the engine is located; for an internal power outage, a description of what caused the failure and receipts and/or work orders for the necessary repairs; for a partial external power outage, including a low-voltage or electrical transient incident in which the external power voltage is low enough to trigger the operation of an emergency standby engine, a description of the incident;
(d) total cumulative hours of operation per calendar year;
(e) records of annual engine maintenance shall include the date the maintenance was performed and the nature of the maintenance; and
(f) hours of operation for all uses other than those specified above and identification of the nature of that use.
(Rule 69.4.1, 17 CCR 93115, 40 CFR 60 Subpart IIII, 40 CFR 63 Subpart ZZZZ)

14. All records required by this permit shall be maintained on site and readily available for District inspection for a minimum of 36 months from their date of creation unless otherwise indicated by the conditions of this permit. (Rule 69.4.1, 40 CFR 60 Subpart IIII)

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.)

San Diego County Air Pollution Control District

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Site ID: APCD1978-SITE-00031
App ID: APCD2024-APP-008126

PERMIT ID
APCD2021-PTO-003801

GKN Aerospace Chemtronics Inc
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1150 W Bradley Av
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EQUIPMENT ADDRESS
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PERMIT TO OPERATE

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EQUIPMENT OWNER

GKN Aerospace Chemtronics Inc. 1150 W. Bradley Ave., El Cajon, CA 92020

EQUIPMENT DESCRIPTION

Registration of a medium boiler, Boiler #1: Parker Boiler Co. Model 90, S/N 40651, rated at 3.78 MMBtu/hour.

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 [13W] Boiler/Heater => 2 MMBtu/hr < 5 MMBtu/hr, Registered

BEC: APCD2021-CON-001823

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

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. No person shall operate any existing or relocated unit unless it is initially tuned no later than January 1, 2022, and tuned at least once every calendar year thereafter. No two tuning events shall occur within 90 days of each other. Boiler tuning shall be conducted in accordance with the recommended tuning procedure of the manufacturer or boiler tuning contractor, or the tuning procedure specified in 40 CFR Part 63, Sections 63.7540(a)(10)(i) through (vi). [Rule 69.2.2(d)(3)]
2. An owner or operator of an existing or relocated unit shall maintain documentation verifying the required annual tune-ups. [Rule 69.2.2(h)(3)]
3. All records shall be maintained on site for at least three calendar years in electronic and/or hardcopy format and shall be made available to the District upon request. [Rule 12, Rule 69.2.2(h)]
4. This equipment shall not discharge into the atmosphere from any single source of emissions, any air contaminant for a period or periods aggregating more than three minutes in any one hour which has an opacity such as to obscure an observer's view to a degree equal to or greater than does smoke of a shade designated Ringelmann 1 or equivalent 20 percent opacity. (Rule 12, Rule 50)

5. Equipment shall not discharge such quantities of air contaminants or other material which cause injury, detriment, nuisance or annoyance to any considerable number of persons or to the public; or which endanger the comfort, repose, health or safety of any such persons or the public; or which cause or have a natural tendency to cause injury or damage to business or property. (Rule 12, Rule 51)
6. Any person who holds a valid Certificate and who desires to change the location of the registered emission unit shall first apply for and obtain a revised Certificate from the Air Pollution Control Officer. The application shall be accompanied by the applicable application and processing fees specified in Rule 40 – Permit and Other Fees. This provision shall not apply to any change of location within a stationary source or any change of location for a portable emission unit. [Rule 12 (f)(3)]
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. 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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PERMIT ID
APCD2021-PTO-003802

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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

GNK Aerospace Chemtronics Inc. 1150 W. Bradley Ave., El Cajon, CA 92020

EQUIPMENT DESCRIPTION

Registration of a medium boiler, Boiler #2: Parker Boiler Co., Model 105-115, S/N 49380, rated at 4.83 MMBtu/hour.

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 [13W] Boiler/Heater => 2 MMBtu/hr < 5 MMBtu/hr, Registered

BEC: APCD2021-CON-001823

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

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. No person shall operate any existing or relocated unit unless it is initially tuned no later than January 1, 2022, and tuned at least once every calendar year thereafter. No two tuning events shall occur within 90 days of each other. Boiler tuning shall be conducted in accordance with the recommended tuning procedure of the manufacturer or boiler tuning contractor, or the tuning procedure specified in 40 CFR Part 63, Sections 63.7540(a)(10)(i) through (vi). [Rule 69.2.2(d)(3)]
2. An owner or operator of an existing or relocated unit shall maintain documentation verifying the required annual tune-ups. [Rule 69.2.2(h)(3)]
3. All records shall be maintained on site for at least three calendar years in electronic and/or hardcopy format and shall be made available to the District upon request. [Rule 12, Rule 69.2.2(h)]
4. This equipment shall not discharge into the atmosphere from any single source of emissions, any air contaminant for a period or periods aggregating more than three minutes in any one hour which has an opacity such as to obscure an observer's view to a degree equal to or greater than does smoke of a shade designated Ringelmann 1 or equivalent 20 percent opacity. (Rule 12, Rule 50)

5. Equipment shall not discharge such quantities of air contaminants or other material which cause injury, detriment, nuisance or annoyance to any considerable number of persons or to the public; or which endanger the comfort, repose, health or safety of any such persons or the public; or which cause or have a natural tendency to cause injury or damage to business or property. (Rule 12, Rule 51)
6. Any person who holds a valid Certificate and who desires to change the location of the registered emission unit shall first apply for and obtain a revised Certificate from the Air Pollution Control Officer. The application shall be accompanied by the applicable application and processing fees specified in Rule 40 – Permit and Other Fees. This provision shall not apply to any change of location within a stationary source or any change of location for a portable emission unit. [Rule 12 (f)(3)]
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. 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.)

San Diego County Air Pollution Control District

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

Sectors: 4, L
Site ID: APCD1978-SITE-00031
App ID: APCD2024-APP-008126

PERMIT ID
APCD2021-PTO-003803

GKN Aerospace Chemtronics Inc
Environmental Engineer Tony Brentnall
1150 W Bradley Av
El Cajon CA, 92020

EQUIPMENT ADDRESS
GKN Aerospace Chemtronics Inc
Environmental Engineer Tony
1150 W Bradley Av
El Cajon CA 92020

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

GKN Aerospace Chemtronics Inc. 1150 W. Bradley Ave., El Cajon, CA 92020

EQUIPMENT DESCRIPTION

Registration of a medium boiler, Boiler #3: Parker Boiler Co., Model 105-150 (119), S/N 28190, rated at 4.995 MMBtu/hour.

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 [13W] Boiler/Heater => 2 MMBtu/hr < 5 MMBtu/hr, Registered

BEC: APCD2021-CON-001823

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

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. No person shall operate any existing or relocated unit unless it is initially tuned no later than January 1, 2022, and tuned at least once every calendar year thereafter. No two tuning events shall occur within 90 days of each other. Boiler tuning shall be conducted in accordance with the recommended tuning procedure of the manufacturer or boiler tuning contractor, or the tuning procedure specified in 40 CFR Part 63, Sections 63.7540(a)(10)(i) through (vi). [Rule 69.2.2(d)(3)]
2. An owner or operator of an existing or relocated unit shall maintain documentation verifying the required annual tune-ups. [Rule 69.2.2(h)(3)]
3. All records shall be maintained on site for at least three calendar years in electronic and/or hardcopy format and shall be made available to the District upon request. [Rule 12, Rule 69.2.2(h)]
4. This equipment shall not discharge into the atmosphere from any single source of emissions, any air contaminant for a period or periods aggregating more than three minutes in any one hour which has an opacity such as to obscure an observer's view to a degree equal to or greater than does smoke of a shade designated Ringelmann 1 or equivalent 20 percent opacity. (Rule 12, Rule 50)

5. Equipment shall not discharge such quantities of air contaminants or other material which cause injury, detriment, nuisance or annoyance to any considerable number of persons or to the public; or which endanger the comfort, repose, health or safety of any such persons or the public; or which cause or have a natural tendency to cause injury or damage to business or property. (Rule 12, Rule 51)
6. Any person who holds a valid Certificate and who desires to change the location of the registered emission unit shall first apply for and obtain a revised Certificate from the Air Pollution Control Officer. The application shall be accompanied by the applicable application and processing fees specified in Rule 40 – Permit and Other Fees. This provision shall not apply to any change of location within a stationary source or any change of location for a portable emission unit. [Rule 12 (f)(3)]
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. 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.)

San Diego County Air Pollution Control District

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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Sectors: 4, L
Site ID: APCD1978-SITE-00031
App ID: APCD2024-APP-008126

PERMIT ID
APCD2007-PTO-870207

GKN Aerospace Chemtronics Inc
Environmental Engineer Tony Brentnall
1150 W Bradley Av
El Cajon CA, 92020

EQUIPMENT ADDRESS
GKN Aerospace Chemtronics Inc
Environmental Engineer Tony
1150 W Bradley Av
El Cajon CA 92020

PERMIT TO OPERATE

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EQUIPMENT OWNER

EQUIPMENT DESCRIPTION

Enclosed flame/plasma metal spray booth, 12' x 16' x 8'8"h, vented at a nominal air flow rate of 15,000 acfm to either of the following:
(i) a Donaldson-Torit model DFO-3-36 cartridge filter system with automatic pulse cleaning and a HEPA safety after-filter with a minimum of 99.97% particulate removal efficiency at 0.3 microns.
(ii) a Dust Hog model FJH-64-4-H-55 cartridge filter system with automatic pulse cleaning and a HEPA safety after-filter with a minimum of 99.97% particulate removal efficiency at 0.3 microns.

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: APCD2021-CON-001808

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.
2. The total quantity of coating materials sprayed in this booth containing chromium, chromium compounds, nickel, or nickel compounds shall not exceed 100,000 lbs per calendar year. (Rule 1421, 1200)
3. 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))

4. Multiple spray booths shall not be vented simultaneously to a single cartridge filter system.
5. The owner or operator shall maintain records of operation of each spray booth including date and time of operation and which cartridge system emissions are vented to in order to demonstrate that only a single spray booth is controlled by a single cartridge filter system at any given time. (Rule 1200)
6. 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))
7. 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))
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 (no lower than 0.2 – no higher than 8.0 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 sight of the operations 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 owner or operator shall demonstrate the high and low pressure drop alarm settings to District personnel upon request. The demonstration may be made through a method such as showing a mechanical or software-based setting for the alarm, simulating out-of-range conditions and triggering the alarm, or similar technique. (Rule 1200)
10. 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))
11. 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))
12. 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))
13. 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))
14. 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))
15. 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))

16. 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))
17. The enclosure must be ventilated such that a continuous inward flow of air is maintained from all designed make-up air openings during thermal spraying operations. To ensure good capture of airborne pollutants, the average inward face velocity must be at least 100 feet per minute or as otherwise approved by the District. The inward face velocity must be measured at least once every calendar year and whenever the air pollution control system is changed in any way that may impact air flow. The permittee shall maintain records of these measurements and make them available to District personnel upon request. (CCR Title 17 Sections 93101.5(c)(1)(B) and 93101.5(c)(2)(A)(2))
18. 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))
19. A fluorescent dye leak test (or District approved alternative procedure) shall be conducted within 60 days of completing the construction of this new thermal spray equipment. In addition, fluorescent dye leak tests (or District approved alternative procedures) shall be conducted within 30 days of future HEPA filter replacement to confirm proper installation. (Rule 1421).
20. The owner or operator shall prepare an annual certification of compliance status as specified in 40 CFR 63.11509(c)(2). A copy of the certification shall be maintained with other records as required by this permit. If a deviation from an applicable requirement occurred in a reporting year, the annual compliance statement must be submitted along with the deviation report. The certification must contain a statement that the control system was operated and maintained according to the manufacturer's specifications and instructions. (40 CFR 63 Subpart WWWWWW)
21. 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

22. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
23. 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.)

San Diego County Air Pollution Control District

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

Sectors: 4, L
Site ID: APCD1978-SITE-00031
App ID: APCD2024-APP-008126

PERMIT ID
APCD2007-PTO-910006

GKN Aerospace Chemtronics Inc
Environmental Engineer Tony Brentnall
1150 W Bradley Av
El Cajon CA, 92020

EQUIPMENT ADDRESS
GKN Aerospace Chemtronics Inc
Environmental Engineer Tony
1150 W Bradley Av
El Cajon CA 92020

PERMIT TO OPERATE

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EQUIPMENT OWNER

EQUIPMENT DESCRIPTION

An enclosed flame/plasma metal spray booth, 12' x 20' x 10'h, vented at a nominal air flow rate of 16,000 acfm to a Dust Hog model FJH-64-4-H-55 cartridge filter system with automatic pulse cleaning and a HEPA safety after-filter with a minimum of 99.97% particulate removal efficiency at 0.3 microns. (APPS 910006, 930668, 971669, 973807, 974903, 975267, 984482, and 001183) revised 12/11 DB

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: APCD2011-CON-000279

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.
2. The total quantity of coating materials sprayed in this booth containing chromium, chromium compounds, nickel, or nickel compounds shall not exceed 100,000 lbs per calendar year.
3. 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))

4. 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))
5. 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))
6. 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 (0.2 - 8.0 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))
7. 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))
8. 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))
9. 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))
10. 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))
11. 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))
12. 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))
13. 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))
14. The enclosure must be ventilated such that a continuous inward flow of air is maintained from all designed make-up air openings during thermal spraying operations. To ensure good capture of airborne pollutants, the average inward face velocity must be at least 100 feet per minute or as otherwise approved by the District. The inward face velocity must be measured at least once every calendar year and whenever the air pollution control system is changed in any way that may impact air flow. The permittee shall maintain records of these measurements and make them available to District personnel upon request. (CCR Title 17 Sections 93101.5(c)(1)(B) and 93101.5(c)(2)(A)(2))

15. 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))
16. A fluorescent dye leak test (or District approved alternative procedure) shall be conducted within 60 days of completing the construction of this new thermal spray equipment. In addition, fluorescent dye leak tests (or District approved alternative procedures) shall be conducted within 30 days of future HEPA filter replacement to confirm proper installation. (Rule 1421).
17. The owner or operator shall prepare an annual certification of compliance status as specified in 40 CFR 63.11509(c)(2). A copy of the certification shall be maintained with other records as required by this permit. If a deviation from an applicable requirement occurred in a reporting year, the annual compliance statement must be submitted along with the deviation report. The certification must contain a statement that the control system was operated and maintained according to the manufacturer's specifications and instructions. (40 CFR 63 Subpart WWWWWW)
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

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.)

San Diego County Air Pollution Control District

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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Sectors: 4, L
Site ID: APCD1978-SITE-00031
App ID: APCD2024-APP-008126

PERMIT ID
APCD2007-PTO-970016

GKN Aerospace Chemtronics Inc
Environmental Engineer Tony Brentnall
1150 W Bradley Av
El Cajon CA, 92020

EQUIPMENT ADDRESS
GKN Aerospace Chemtronics Inc
Environmental Engineer Tony
1150 W Bradley Av
El Cajon CA 92020

PERMIT TO OPERATE

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EQUIPMENT OWNER

EQUIPMENT DESCRIPTION

AN ENCLOSED FLAME/PLASMA/HV OF METAL SPRAY BOOTH, 4' X 10' X 8'H, VENTED AT A NOMINAL RATE OF 10,000 ACFM TO A DEDICATED DUST HOG MODEL KJ4-48-4 CARTRIDGE FILTER SYSTEM WITH AUTOMATIC PULSE CLEANING AND A HEPA SAFETY AFTER-FILTER. (APPS 970016, 973187, 974903, 975266, AND 984482) LAST REV 10/07 DB

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: 11395

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. 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))
3. 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))

4. 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 Section 93101.5(c))
5. 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 (0.2 - 8.0 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))
6. 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))
7. 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))
8. 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))
9. 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))
10. 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))
11. 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))
12. 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 Section 93101.5(C))
13. The enclosure must be ventilated such that a continuous inward flow of air is maintained from all designed make-up air openings during Thermal Spraying operations. To ensure good capture of Airborne Pollutants, the average inward face velocity must be at least 100 feet per minute or as otherwise approved by the District. The inward face velocity must be measured at least once every calendar year and whenever the Air Pollution Control System is changed in any way that may impact air flow. The permittee shall maintain records of these measurements and make them available to District personnel upon request. ((CCR Title 17 Section 93101.5(C))

14. 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 Section 93101.5(C))
15. A fluorescent dye leak test (or District approved alternative procedure) shall be conducted within 60 days of completing the construction of this new thermal spray equipment. In addition, fluorescent dye leak tests (or District approved alternative procedures) shall be conducted within 30 days of future HEPA filter replacement to confirm proper installation. (Rule 1421).
16. The owner or operator shall prepare an annual certification of compliance status as specified in 40 CFR 63.11509(c)(2). A copy of the certification shall be maintained with other records as required by this permit. If a deviation from an applicable requirement occurred in a reporting year, the annual compliance statement must be submitted along with the deviation report. The certification must contain a statement that the control system was operated and maintained according to the manufacturer's specifications and instructions. (40 CFR 63 Subpart WWWWWW)
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.)

San Diego County Air Pollution Control District

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131-1649
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Sectors: 4, L
Site ID: APCD1978-SITE-00031
App ID: APCD2024-APP-008126

PERMIT ID
APCD2007-PTO-981058

GKN Aerospace Chemtronics Inc
Environmental Engineer Tony Brentnall
1150 W Bradley Av
El Cajon CA, 92020

EQUIPMENT ADDRESS
GKN Aerospace Chemtronics Inc
Environmental Engineer Tony
1150 W Bradley Av
El Cajon CA 92020

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

EQUIPMENT DESCRIPTION

AN ENCLOSED PLASMA / FLAME / HVOF THERMAL METAL SPRAY BOOTH (APPROXIMATELY 12' X 8.5' X 10'H) VENTED AT A NOMINAL RATE OF 6000 ACFM TO A DEDICATED TORIT MODEL DFT3-24 CARTRIDGE FILTER SYSTEM WITH AUTOMATIC REVERSE PULSE CLEANING AND A HEPA SAFETY AFTER-FILTER. (APP 981058 / DB / 9-07)

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: 13209

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. The total annual thermal coating material usage for this booth shall not exceed 200 lbs of Chromium and/or 6405 lbs of Nickel. (District Rule 1200)
3. 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))
4. 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 Section 93101.5(c))

5. 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 Section 93101.5(c))
6. 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 (0.2 - 8.0 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))
7. 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))
8. 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))
9. 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))
10. 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))
11. 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))
12. 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))
13. 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 Section 93101.5(C))
14. The enclosure must be ventilated such that a continuous inward flow of air is maintained from all designed make-up air openings during Thermal Spraying operations. To ensure good capture of Airborne Pollutants, the average inward face velocity must be at least 100 feet per minute or as otherwise approved by the District. The inward face velocity must be measured at least once every calendar year and whenever the Air Pollution Control System is changed in any way that may impact air flow. The Permittee shall maintain records of these measurements and make them available to District personnel upon request. ((CCR Title 17 Section 93101.5(C))

15. 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 Section 93101.5(C))
16. A fluorescent dye leak test (or District approved alternative procedure) shall be conducted within 60 days of completing the construction of this new thermal spray equipment. In addition, fluorescent dye leak tests (or District approved alternative procedures) shall be conducted within 30 days of future HEPA filter replacement to confirm proper installation. (Rule 1421).
17. The owner or operator shall prepare an annual certification of compliance status as specified in 40 CFR 63.11509(c)(2). A copy of the certification shall be maintained with other records as required by this permit. If a deviation from an applicable requirement occurred in a reporting year, the annual compliance statement must be submitted along with the deviation report. The certification must contain a statement that the control system was operated and maintained according to the manufacturer's specifications and instructions. (40 CFR 63 Subpart WWWWWW)
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

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.)

San Diego County Air Pollution Control District

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
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www.sdapcd.org

Sectors: 4, L
Site ID: APCD1978-SITE-00031
App ID: APCD2024-APP-008126

PERMIT ID
APCD2024-PTO-004860

GKN Aerospace Chemtronics Inc
Environmental Engineer Tony Brentnall
1150 W Bradley Av
El Cajon CA, 92020

EQUIPMENT ADDRESS
GKN Aerospace Chemtronics Inc
Environmental Engineer Tony
1150 W Bradley Av
El Cajon CA 92020

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

GKN Aerospace Chemtronics, Inc. Tony Brentnall 1150 W Bradley Avenue, El Cajon, CA 92020

EQUIPMENT DESCRIPTION

Thermal spraying operation consisting of: one HVOF thermal spray robotic gun operating (maximum capacity of 22 lbs/hour) with serial number: YR-MH00024-AUU in an enclosed thermal spray booth (approximately 12’ long x 12’ wide x 10’ high) vented

at a nominal flowrate of 3,000 cubic feet per minute (CFM) by a 7.5 horsepower direct drive electric blower to an automatic jet self-cleaning 2-stage dust collector equipped with cartridge filters and HEPA after filters, and one dust collector cabinet to discharge waste dust into collection drums.

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: APCD2024-CON-002095

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. Thermal spraying materials containing and emitting toxic air contaminants (TAC's) listed in District Rule 1200 as of July 2018 shall not be used (i.e.; chromium, chromium compounds, nickel, nickel compounds, cadmium, beryllium, copper, lead, manganese, etc.). (Rule 1421, 1200)

3. The dry particulate control system shall be operated at all times when thermal spraying is being performed, and 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. (Rules 20.2, 1421 and 52)
4. Material collected by the dry particulate control system shall be discharged into closed containers that are completely sealed to prevent dust emissions. (Rule 1421, 51)
5. 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 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. (Rules 1421 and 52)

   Pressure drop shall be between the range specified below,
   Cartridge filters: 0.5" w.g. to 8.0" w.g.
   HEPA filters: 0.5" w.g. to 8.0" w.g.
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. A copy of the documentation demonstrating the filters installed meet HEPA standards shall be maintained on site and shall be made available to the District upon request. (Rules 20.2, 1421 and 52)
7. 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. (Rules 1421 and 52)
8. There shall be no discharge of particulate matter into the atmosphere from this equipment or activity that is darker in shade than that designated as Number 1 on the Ringlemann chart for a period or periods aggregating more than three minutes in any period of 60 consecutive minutes as specified in District Rule 50.
9. 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. (Rule 21)
10. The permittee shall maintain record keeping for this operation. The records shall include the following information (Rule 20.2 and 1421):
    a. Quantity of all thermal spray coating materials sprayed in this booth including name and date of use
    b. Current manufacturer specification sheets, material safety data sheets (SDS), product data sheets, or technical bulletins for all materials used in thermal spray operation
    c. Facility name, location, and date of thermal spraying operations described in this permit
    d. Pressure drop monitoring for the dry particulate system including date, time, and applicable pressure drop limits
    e. Maintenance, replacement, and repair records for any of the equipment described in this permit
11. 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.
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.)

San Diego County Air Pollution Control District

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
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Sectors: 4, L
Site ID: APCD1978-SITE-00031
App ID: APCD2024-APP-008126

PERMIT ID
APCD2006-PTO-977663

GKN Aerospace Chemtronics Inc
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1150 W Bradley Av
El Cajon CA, 92020

EQUIPMENT ADDRESS
GKN Aerospace Chemtronics Inc
Environmental Engineer Tony
1150 W Bradley Av
El Cajon CA 92020

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

EQUIPMENT DESCRIPTION

FACILITY-WIDE WIPE CLEANING APPLICATION OPERATIONS: CONSISTING OF DISPENSING CONTAINERS WITH SQUEEZE CONTAINERS WITH NARROW TIPS, SPRAY BOTTLES, DISPENSERS WITH PRESS DOWN CAPS AND CLOTH OR PAPER USED TO WIPEDOWN SURFACES WITH SOLVENTS. 977663(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 [28M] Solvent Application Operation

BEC: 12330

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

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. Permittee shall maintain a list of all materials containing VOCs used in the wipe cleaning operation described above. (Rule 20.3, 1200)
2. The maximum total emission of VOCs from the wipe cleaning operations described above shall not exceed 9.6 tons per consecutive 12-month period. For the purposes of this limit, usage is equivalent to VOC emissions. (Rule 20.3)
3. Usage records shall be maintained on-site on a monthly basis for three (3) years and shall be made readily available to the District upon request. Monthly records shall at a minimum contain the following information:
   -the type of wipe cleaning solvent applied (Toluene, Isopropanol, Xylene, etc., including the manufacturer's Identification Number)
   -mix ratios
   -the volumes of each material containing VOC used
   (Rule 1200)
4. All solvents, materials containing solvents and other materials containing organic compounds shall be stored in closed containers in accordance with Rule 67.17 requirements.

6. Ethyl Benzene emissions from this equipment shall not exceed 725 pounds per consecutive 12-month period. This equates to a usage of approximately 2,900 gallons per consecutive 12-month period for material containing 0.25 pounds per gallon Ethyl Benzene. (Rule 1200)
7. Xylene emissions from this equipment shall not exceed 2,609 pounds per consecutive 12-month period. This equates to a usage of approximately 2,899 gallons per consecutive 12-month period for material containing 0.9 pounds per gallon Xylene. (Rule 1200)
8. Toluene emissions from this equipment shall not exceed 5,991 pounds per consecutive 12-month period. This equates to a usage of approximately 2,908 gallons per consecutive 12-month period for material containing 2.06 pounds per gallon Toluene. (Rule 1200)
10. Current Material Safety Data Sheets (MSDS) or manufacturer's specifications which identify the VOC and TAC (see Rule 1200) content, vapor pressure or initial boiling point, as applicable, shall be maintained on-site for all materials containing organic solvents used in the operation described above. (Rule 20.3, 1200)
11. All wipe cleaning solvents used at this facility shall comply with the District Requirements listed in Rule 67.9(D)(4) for vapor pressure (Rule 20.2 - BACT Requirement, Rule 67.9(d)).
12. Upon request by the District, testing shall be conducted at the Permit Holder's expense to determine compliance with Provisions in Rule 67.9(d)(4) claimed by the Applicant. Testing of the physical and/or chemical properties of the wipe cleaning solvent shall be done in accordance with test methods specified in Rule 67.9(g).
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

5. Permittee shall not use solvents that contain Toxic Air Contaminants (TAC) listed in Rule 1200 (Rev effective 6/12/96 as modified by Compliance Advisories through 2/06/02) except:
-Ethyl Benzene (Cas No. 100-41-4)
-Xylene (Cas No. 1330-20-7)
-Toluene (Cas No. 108-88-3)
-IPA (Cas No. 67-63-0)
(Rule 1200)
9. Isopropyl Alcohol emissions from this equipment shall not exceed 10,047 pounds per consecutive 12-month period. This equates to a usage of approximately 2,870.6 gallons per consecutive 12-month period for material containing 3.5 pounds per gallon Isopropyl Alcohol. (Rule 1200)
13. Operation must be in compliance with all information provided in conjunction with this application and the performance conditions listed above.
14. A copy of this permit shall be posted at a central location or near the equipment for which operation is authorized.
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.)

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

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 Particular 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
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
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
	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

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
IIII	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
Part 63	**District Rules and Regulations Appendix B - National Emission Standards for Hazardous Air Pollutants (NESHAP) For Source Categories**
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)
MMMM	Surface Coating of Miscellaneous Metal Parts and Products
PPPP	Plastic Parts (surface coating)
SSSS	Surface Coating of Metal Coil
VVVV	Boat Manufacturing
WWWW	Reinforced Plastic Composites Production
YYYY	Stationary Combustion Turbines
ZZZZ	Stationary Reciprocating Internal Combustion Engines
DDDDD	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
CCCCCC	Gasoline Dispensing Facilities
HHHHHH	Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources
JJJJJJ	Area Sources: Industrial, Commercial, and Institutional Boilers
QQQQQQ	Wood Preserving Area Sources
VVVVVV	Chemical Manufacturing Area Sources
WWWWWW	Plating and Polishing Operations Area Sources
XXXXXX	Metal Fabrication and Finishing Area Sources
AAAAAAA	Asphalt Processing and Asphalt Roofing Manufacturing Area Sources
CCCCCCC	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