



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-00055**

**Issued To:**

Naval Base San Diego - Southwest Regional Maintenance Center (SWRMC)  
Site ID # APCD2015-SITE-02018

**Site Address:**

Ship Construction and Repairs Functional Group – NBSD  
32<sup>nd</sup> St. & Harbor Dr.  
San Diego, CA 92136  
(619) 879-7752

**Mailing Address**

Southwest Regional Maintenance Center - NBSD  
3755 Brinser St., Bldg. 91  
San Diego, CA 92136

**Responsible Official** – Captain John Bauer, Commanding Officer  
**Facility Contact** – Winny Wen, Air Program Manager

---

---

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

This Title V Operating Permit expires on \_\_\_\_\_.

Signed by:

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

\_\_\_\_\_  
Date

# TABLE OF CONTENTS

	PAGE
PREAMBLE	1
SECTION I. REGULATION XIV PERMIT REQUIREMENTS	2
A. ADMINISTRATIVE PERMIT TERMS	2
B. RENEWAL REQUIREMENTS AND TERMS	2
C. MONITORING, RECORDKEEPING & REPORTING REQUIREMENTS	3
D. GENERAL PERMIT REQUIREMENTS	4
SECTION II. FACILITY-WIDE REQUIREMENTS	5
A. GENERAL PERMIT PROGRAM APPLICABLE REQUIREMENTS	5
B. GENERAL PROHIBITORY APPLICABLE REQUIREMENTS	5
C. PERMIT SHIELDS	6
D. ADDITIONAL TERMS	6
E. TITLE IV PERMIT (ACID RAIN)	6
SECTION III. EMISSION UNIT REQUIREMENTS	7
A. DISTRICT PERMITTED EMISSION UNITS	7
B. REGISTERED AND LEASED EMISSION UNITS	7
C. INSIGNIFICANT EMISSION UNITS AND ACTIVITIES	7
SECTION IV. DISTRICT ONLY VARIANCE PROCEDURES	8
SECTION V. APPENDICES	9
A. DISTRICT PERMITS AND REGISTERED UNITS	A-1
B. RULE REFERENCE TABLE	B-1
C. ABBREVIATIONS	C-1

## **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	11	Exemptions
SDCAPCD Reg. II	19	Provision of Sampling & Testing Facilities
SDCAPCD Reg. II	19.3	Emission Information
SDCAPCD Reg. II	20	Standards for Granting Permits
SDCAPCD Reg. II	20.1	New Source Review
SDCAPCD Reg. II	20.3	New Source Review
SDCAPCD Reg. II	21	Permit Conditions
SDCAPCD Reg. II	24	Temporary Permit to Operate
SDCAPCD Reg. II	25	Appeals
SDCAPCD Reg. IV	60	Circumvention
SDCAPCD Reg. 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 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 Contaminants

SDCAPCD Reg. IV	62	Sulfur Content of Fuels
SDCAPCD Reg. IV	67.0.1(g)	Architectural Coatings
SDCAPCD Reg. IV	67.17(e)	Storage of Materials Containing VOC
SDCAPCD Reg. IV	67.18	Marine Coating Operations
SDCAPCD Reg. IV	69.4.1*	Stationary Reciprocating Internal Combustion Engines-Best Available Retrofit Control Technology
SDCAPCD Reg. IV	71	Abrasive Blasting
SDCAPCD Reg. X	40 CFR 60 Subpart A*	NSPS General Provisions
SDCAPCD Reg. XI	40 CFR 63 Subpart A*	NESHAP General Provisions
SDCAPCD Reg. XII	1200**	Toxic Air Contaminants – New Source Review
40 CFR Part 63	Subpart ZZZZ	Reciprocating Internal Combustion Engines
40 CFR Part 63	Subpart II	Shipbuilding and Ship Repair
40 CFR Part 82	Subpart A	Production and Consumption Controls
40 CFR Part 82	Subpart B	Servicing of Motor Vehicle Air Conditioners
40 CFR Part 82	Subpart F	Servicing of Other Air Conditioners
California Code of Regulations (CCR) Title 17	93116**	ATCM for Diesel Particulate Matter from Portable Engines Rated at 50 HP and Greater

*\*This rule has been adopted by the District and will become federally enforceable once the rule has been noticed/approved by EPA.*

*\*\*Not federally enforceable*

#### **C. PERMIT SHIELDS**

1. No permit shields.

#### **D. ADDITIONAL TERMS**

1. None.

### **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.

<b>EU Reference</b>	<b>Source</b>
APCD2021-PTO-003677	Site-Wide Portable ATCM Prime Engines
APCD2022-PTO-004439	Site-Wide Portable ATCM Emergency Engines
APCD2012-PTO-001154	Marine Coating Operations
APCD2006-PTO-974998	Marine Coating Operations



## **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.

<b>Regulation</b>	<b>Rule Citation</b>	<b>Title</b>
SDCAPCD Reg. II	19.2	Continuous Emission Monitoring Requirements
SDCAPCD Reg. II	NSR	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 (no insignificant units were listed in the permittee's application).

## **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**

<b>EU Reference</b>	<b>Source</b>
APCD2021-PTO-003677	Site-Wide Portable ATCM Prime Engines
APCD2022-PTO-004439	Site-Wide Portable ATCM Emergency Engines
APCD2012-PTO-001154	Marine Coating Operations
APCD2006-PTO-974998	Marine Coating Operations

### **APPENDIX B: RULE REFERENCE TABLE**

### **APPENDIX C: ABBREVIATIONS**



**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, N  
**Site ID:** APCD2015-SITE-02018  
**App ID:** APCD2018-APP-005516

**PERMIT ID**  
**APCD2021-PTO-003677**

SWRMC  
Air Program Manager  
3755 Brinser St, Bldg 91  
San Diego CA, 92136

**EQUIPMENT ADDRESS**  
SWRMC  
Air Program Manager  
USN NavSta 3 Shore Int Maint  
San Diego CA 92132

## **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**

Southwest Regional Maintenance Center (SWRMC) 3755 Brinser St., San Diego, CA 92136

### **EQUIPMENT DESCRIPTION**

Engines subject to the California Code of Regulations, 17 CCR 93116 rated at or above 50 bhp and supporting the stationary source. Functional Group: Ship Construction and Repairs

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

Fee Schedules: 1 [91A] Miscellaneous

BEC: APCD2021-CON-001782

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

#### **A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS**

1. Conditions 2 through 6 apply to the Permit Holder. (Rule 21, 1200, 1421)
2. The total annual NOx emissions of equipment subject to this permit shall not exceed 32.1 tons per calendar year (January 1 to December 31). Emissions from PERP operations, as outlined in §2453 (m)(4)(E) of the PERP Regulation, effective November 30, 2018, will not be counted against this limit. (Rule 21, 1200, 1421)
3. The Permit Holder shall ensure that the annual emissions limitations in this permit are not exceeded. Calendar year to date emissions shall be summarized by the permit holder on a frequency that ensures the annual limitations are not exceeded. (Rule 21, 1200, 1421)

**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, N  
**Site ID:** APCD2015-SITE-02018  
**App ID:** APCD2018-APP-005516

**PERMIT ID**  
**APCD2021-PTO-003677**  


4. Compliance with the NOx emission limit shall be documented annually as follows:
  - a. by multiplying each engine's rated power (bhp) times the hours of operation during the calendar year (hrs) times an assumed load factor of 0.5 times the highest of the EPA tier certification NOx level for the engine family or alternative NOx emission factor established for the engine family (g/bhp-hr), and converted to tons. For engines whose certification for NOx is presented as "NMHC+ NOx", assume 95% NOx and 5% NMHC, or
  - b. By dividing each engine's annual fuel use by the maximum engine fuel consumption (gal/hr) as stated by the manufacturer or estimated by multiplying the engine rated power (bhp) by a standard conversion factor of 0.054 gal/hr-bhp and calculating emissions according to the same formula as option (a) except using a load factor of 1.0 or,
  - c. The permit holder may utilize an alternative calculation procedure provided that it is approved in advance, in writing, by the District.  
(Rule 21, 1200, 1421)
5. All records relied on by the Permit Holder to prepare the annual emission summary shall be maintained on site or 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. The summary of the previous year's emissions shall be available by March 1 of each subsequent year. (Rule 21, 1200, 1421)
6. Operators of equipment subject to this permit, including contractors, shall be provided a copy of this permit by the Permit Holder prior to commencing operations. (Rule 21, 1200, 1421)
7. Conditions 8 through 16 apply to the owner/operator of the engine. The owner/operator can be the Permit Holder, if engine is owned or operated by Navy personnel, or the owner/operator can be a contractor (any person not employed by the Permit Holder). (Rule 21, 1200, 1421)
8. Each engine shall have an original manufacturer label containing the following information: make, model, family number if any, and serial number. (Rule 21, 1200, 1421)
9. The operator shall report usage of equipment covered by this permit to the Permit Holder, in the manner specified in Condition 4 above, quarterly, or at a greater frequency specified by the Permit Holder. Reports will be due to the permit holder within 30 days of the end of the quarter, or other reporting period, as applicable. Permit Holders who also own or operate the engine(s) shall maintain records of each engine's usage as required by Condition 4. (Rule 21, 1200, 1421)
10. Diesel-fired engines shall use only CARB diesel fuel. Documentation identifying the fuel as CARB diesel shall be provided by engine owner/operator upon request. (Rule 21, 69.4.1, 1200, 1421, 17 CCR 93116)
13. A non-resettable engine hour meter shall be installed on each engine, maintained in good working order, and used for recording engine operation hours. If a meter is replaced while the engine is operating on site, the Air Pollution Control District's Compliance Division shall be notified in writing by the engine owner 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 meter reading on replacement meter
  - c) copy of receipt for the new meter or of the installation work orderA copy of the meter replacement notification shall be maintained onsite and made available to the District upon request. (Rule 69.4.1, 17 CCR 93116)
14. The following records shall be maintained for at least the same period of time as the engine to which the records apply is located at the site:

For engines owned by the permit holder or operator, these records shall be maintained on site.  
For rented engines, records shall be provided within 5 business days.

  - a. records of periodic inspections, including the date the inspection was performed; and
  - b. records of annual engine maintenance, including the date the maintenance was performed and the nature of the maintenance.These records shall be made available to the Air Pollution Control District upon request.  
(Rule 69.4.1, 17 CCR 93116)

**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, N  
**Site ID:** APCD2015-SITE-02018  
**App ID:** APCD2018-APP-005516

**PERMIT ID**  
**APCD2021-PTO-003677**  


15. Engine owners or operators shall conduct periodic inspections 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. The periodic inspections shall be conducted at least once every 4000 hours of operation, or every six months, whichever occurs first. (Rule 69.4.1, 17 CCR 93116)
16. Periodic maintenance of the engine and add-on control equipment, if any, shall be conducted 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;
  - 3) Inspect all hoses and belts, replacing as necessary; and
  - 4+) Inspect spark plugs, if equipped, replacing as necessary.Documentation of oil and filter changes or copies of the oil test analysis shall be 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. For engines owned by the permit holder or operator the maintenance records shall be maintained on-site. For rental engines, maintenance records shall be provided within 5 business days of request. (Rule 12, 69.4.1, 40 CFR 63 Subpart ZZZZ)
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**

11. Fleet owners of diesel-fired engines shall comply with all applicable provisions of the Airborne Toxic Control Measure for Diesel Particulate Matter from Portable Engines Rated at 50 Horsepower and Greater. These requirements include, but are not limited to, complying with fleet provisions, and reporting requirements. (17 CCR 93116)
12. The owner or operator of each diesel-fired engine shall demonstrate compliance with the diesel particulate matter standards of 17CCR 93116.3(b) for each engine by satisfying one of the following requirements:
  - a) The engine shall meet Tier 4 interim or Tier 4 final non-road engine standards; or
  - b) The engine shall be certified to the on-road emission standards pursuant to 40 CFR Part 86, or the equivalent category in Title 13, Cal. Code Regs.; or
  - c) Engines rated between 50 hp and 750 hp shall be flexibility engines manufactured to meet Tier 3 or Tier 4 interim emission standards; or
  - d) Engines rated over 750 hp shall be flexibility engines manufactured to meet Tier 2 or Tier 4 interim emission standards; or
  - e) Tier 1, Tier 2, or Tier 3 engines shall have been operated in the state of California prior to 1/1/2017.All documentation necessary to demonstrate compliance shall be maintained with the engine and provided to the District upon request. If the engine has a valid District or CARB PERP registration, the registration number will satisfy the documentation needed to show compliance with this condition. (17 CCR 93116)
18. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
19. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) (Rule 1210)



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

**Sectors:** 4, N  
**Site ID:** APCD2015-SITE-02018  
**App ID:** APCD2024-APP-008193

**PERMIT ID**  
**APCD2022-PTO-004439**

SWRMC  
Air Program Manager  
3755 Brinser St, Bldg 91  
San Diego CA, 92136

**EQUIPMENT ADDRESS**  
SWRMC  
Air Program Manager  
USN NavSta 3 Shore Int Maint  
San Diego CA 92132

## 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

SWRMC 3755 Brinser St., San Diego, CA 92136

### EQUIPMENT DESCRIPTION

Emergency engines subject to the California Code of Regulations, 17 CCR 93116, rated at or above 50 bhp and supporting the stationary source, including such engines located on floating dry docks.

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

Fee Schedules: 1 [91A] Miscellaneous

BEC: APCD2022-CON-001968

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

#### **A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS**

- Conditions 2 through 7 apply to the permit holder. (Rule 21, 1200, 1421)
- The engine shall be operated exclusively during emergencies as defined in Rule 69.4.1 or 17CCR93116 as applicable, or for maintenance and testing. (Rule 69.4.1, 17 CCR 93116)
- The combined maximum brake horsepower (bhp) rating of all emergency engines operating for testing and maintenance during any 60-minute period shall not exceed 4,000 bhp. The maximum bhp rating multiplied by the hours of operation for testing and maintenance for each engine shall be summed for each calendar year. The sum of all such engine operations shall not exceed either 308,000 bhp-hours per calendar year or 72,800 bhp-hours per day. Records shall be maintained for each engine operating under this permit, including the engine make, model, serial number, engine family number, engine rated bhp, the time of day it was operated, and the duration of operation for maintenance or testing. All records, including year-to-date bhp-hours for the previous calendar month shall be summarized by the end of each calendar month. Records shall be maintained onsite and readily available for District review. (Rule 21, 1200, 1421)
- Operation for testing and maintenance for each engine shall not exceed 50 hours per calendar year. (Rule 21, 1200, 1421)

**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, N  
**Site ID:** APCD2015-SITE-02018  
**App ID:** APCD2024-APP-008193

**PERMIT ID**  
**APCD2022-PTO-004439**  


5. Only tier 4 engines shall be operated under this permit unless the owner or operator has documented that a Tier 4 engine is not available instead of a lower tier engine. Documentation that a Tier 4 engine is unavailable shall include a confirming response from at least three different vendors within 30 days of the projected start date of such non-tier 4 engine. In that case, the next highest tier engine that is available shall be used. For non-tier 4 engines that remain on-site for more than 180 days, a revised response from three vendors shall be maintained for every 180 day period. For engines that are on site before the Startup Authorization is issued, the first 180 day period will begin on the day the Startup Authorization is issued. (Rule 21, 1200, 1421)
7. Operators of equipment subject to this permit, including contractors, shall be provided a copy of this permit by the Permit Holder prior to commencing operations. (Rule 21, 1200, 1421)
8. Conditions 9 through 15 apply to the owner/operator of the engine. The owner/operator can be the Permit Holder, if engine is owned or operated by the Permit Holder, or the owner/operator can be a contractor (any person not employed by the Permit Holder). (Rule 21, 1200, 1421)
9. Each engine shall have an original manufacturer label containing the following information: make, model, family number if any, and serial number. (Rule 21, 1200, 1421)
10. Diesel-fired engines shall use only CARB diesel fuel. Documentation identifying the fuel as CARB diesel shall be provided by engine owner/operator upon request. (Rule 21, 69.4.1, 1200, 1421, 17 CCR 93116)
13. A non-resettable engine hour meter shall be installed on each engine, maintained in good working order, and used for recording engine operation hours. If a meter is replaced while the engine is operating on site, the Air Pollution Control District's Compliance Division shall be notified in writing by the engine owner 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 meter reading on replacement meter
  - c) copy of receipt for the new meter or of the installation work orderA copy of the meter replacement notification shall be maintained onsite and made available to the District upon request. (Rule 69.4.1, 17 CCR 93116)
14. Periodic maintenance of the engine and add-on control equipment, if any, shall be conducted 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;
  - 3) Inspect all hoses and belts, replacing as necessary; and
  - 4) Inspect spark plugs, if equipped, replacing as necessary.Documentation of oil and filter changes or copies of the oil test analysis shall be 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. For engines owned by the permit holder or operator the maintenance records shall be maintained on-site. For rental engines, maintenance records shall be provided within 5 business days of request. (Rule 12, 69.4.1, 40 CFR 63 Subpart ZZZZ)



**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, N  
**Site ID:** APCD2015-SITE-02018  
**App ID:** APCD2024-APP-008193

**PERMIT ID**  
**APCD2022-PTO-004439**  


15. 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 at this location 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) 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;
  - (c) total cumulative hours of operation at this location per calendar year;
  - (d) records of annual engine maintenance shall include the date the maintenance was performed and the nature of the maintenance; and
  - (e) hours of operation at this location for all uses other than those specified above and identification of the nature of that use.
  - (f) Start and stop time of each engine's operation for testing and maintenance.  
(Rule 69.4.1, 1200)
16. All records required by this permit shall be maintained on site or 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 21, 1200, 1421)
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**

6. Except during emergency operations, the engine operating locations shall be as presented "Locations of emergency engines\_updated\_30JUN2022" submitted as part of the application package for site-wide emergency engines, June 2022. (Rule 1200)
11. The owner or operator of each diesel-fired engine shall demonstrate compliance with the diesel particulate matter standards of 17CCR 93116.3(b) for each engine by satisfying one of the following requirements:
- a) The engine shall meet Tier 4 interim or Tier 4 final non-road engine standards; or
  - b) The engine shall be certified to the on-road emission standards pursuant to 40 CFR Part 86, or the equivalent category in Title 13, Cal. Code Regs.; or
  - c) Engines rated between 50 hp and 750 hp shall be flexibility engines manufactured to meet Tier 3 or Tier 4 interim emission standards; or
  - d) Engines rated over 750 hp shall be flexibility engines manufactured to meet Tier 2 or Tier 4 interim emission standards; or
  - e) Tier 1, Tier 2, or Tier 3 engines shall have been operated in the state of California prior to 1/1/2017.
- All documentation necessary to demonstrate compliance shall be maintained with the engine and provided to the District upon request. If the engine has a valid District or CARB PERP registration, the registration number will satisfy the documentation needed to show compliance with this condition.  
(17 CCR 93116)
12. Fleet owners of emergency diesel-fired engines shall comply with all reporting requirements of the Airborne Toxic Control Measure for Diesel Particulate Matter from Portable Engines Rated at 50 Horsepower and Greater. (17 CCR 93116)
18. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
19. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act (California Health and Safety Code Section 44300 et seq.) (Rule 1210)





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

**Sectors:** 4, N  
**Site ID:** APCD2015-SITE-02018  
**App ID:** APCD2015-OWC-000943

**PERMIT ID**  
**APCD2012-PTO-001154**

SWRMC  
Air Program Manager  
3755 Brinser St, Bldg 91  
San Diego CA, 92136

**EQUIPMENT ADDRESS**  
SWRMC  
Air Program Manager  
USN NavSta 3 Shore Int Maint  
San Diego CA 92132

## **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**

Marine coating operations to apply coatings on ships and related structures intended for exposure to a marine environment at US Naval Station 3 including: docks, various open paint areas, and temporary structures of various sizes.

Functional Group (i.e. stationary source): Ship Construction and Repair

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 [27A] Marine Coating

BEC: APCD2012-CON-000433

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

#### **A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS**

1. All marine coating operations conducted at this stationary marine coating source shall be conducted under a valid stationary permit to operate (PTO). For the purposes of this condition, a stationary marine coating source (SIC 3731) is a piece of land or contiguous pieces of land under common ownership or entitlement to use, where the combined usage of marine coatings is greater than 20 gallons in any consecutive 12-month period or the combined VOC emissions from marine coating operations are greater than 150 pounds in any consecutive 12-month period. Portable equipment shall not supplant or supplement the primary activity of a stationary source as described by the source's Standard Industrial Classification Code (SIC). (Rule 11, Rule 67.18)
2. 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 receive prior District approval by applying for and obtaining an authority to construct for all such modifications. (Rule 51)

**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, N  
**Site ID:** APCD2015-SITE-02018  
**App ID:** APCD2015-OWC-000943

**PERMIT ID**  
**APCD2012-PTO-001154**



3. Total emissions of volatile organic compounds (VOC) from all marine coating equipment operated under this permit to operate shall not exceed 32.5 tons in any consecutive 12-month period. (Rule 21, 1421, 1200)
4. Marine coating operation shall comply with all applicable requirements of Rule 67.18. (Rule 67.18)
5. Usage of non-compliant coatings with the requirements of Rule 67.18(d) (1) and (2) shall not exceed 20 gallons per year for each stationary source. Records shall be maintained to substantiate the total annual usage of such coatings. (Rule 67.18)
6. The VOC content of non-specialty coatings for marine coating operations subject to Rule 67.18 shall not contain more than 340 grams per liter VOC for air dried coatings and not more than 275 grams per liter for baked coatings. (Rule 67.18)
7. Marine surface preparation materials shall meet one of the following requirements:
  - a. the VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
  - b. the initial boiling point is at least 190°C (374°F); or
  - c. the total VOC vapor pressure is 45 mm Hg or less at 20°C (68°F). (Rule 67.18)
8. VOC-containing materials used to clean equipment used in marine coating operations shall meet one of the following requirements:
  - a. the VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
  - b. the initial boiling point is at least 190°C (374°F); or
  - c. the total VOC vapor pressure is 20 mm Hg or less at 20°C (68°F); or
  - d. the cleaning material is flushed or rinsed through the application equipment in a contained manner that will minimize evaporation to the atmosphere; or
  - e. the application equipment or equipment parts are cleaned in a container which is open only when being accessed for adding, cleaning, or removing application equipment or when cleaning materials 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 67.18)
9. Permittee shall maintain records for marine coating operations in accordance with Rule 67.18. The records shall contain, at a minimum, the following information:
  - a. current list of coatings, coating components (bases, catalysts, thinners, etc.), surface preparation materials and equipment cleaning materials in use. Materials shall be identified as follows:
    - 1) coatings shall specify category as per Rule 67.18(D)(1) and 67.18(D)(2) manufacturer name, manufacturer identification, VOC content and mix ratio;
    - 2) coating components shall specify manufacturer name, identification, VOC content and mix ratio;
    - 3) surface preparation materials and equipment cleaning materials shall specify manufacturer name and manufacturer identification (VOC content, vapor pressure and boiling point shall be listed as applicable to demonstrate compliance with Rule 67.18);
    - 4) current documentation to demonstrate applicability of any specialty coating category pursuant to Rule 67.18(D)(2);
  - b. current Material Safety Data Sheets (MSDS) or manufacturer's specifications for all materials containing VOCs and/or TACs. MSDS and manufacturer's specifications shall, at 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);
  - c. daily or monthly usage records for all coatings, coating components, surface preparation materials and cleaning materials;
  - d. daily or monthly VOC emissions, and;
  - e. if applicable, maintain records of actual oven drying temperatures. (Rule 67.18)
10. All records shall be retained on site for at least three (3) years and made readily available to the District upon request. (Rule 21, 1200, 1421)

**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, N  
**Site ID:** APCD2015-SITE-02018  
**App ID:** APCD2015-OWC-000943

**PERMIT ID**  
**APCD2012-PTO-001154**



11. All materials containing volatile organic compounds shall be stored in closed containers in accordance with Rule 67.17 requirements. (Rule 67.17)
12. In addition to all of the conditions in this permit, the following four conditions shall apply when a contractor conducts any marine coating operation under this permit. For the purposes of this permit, a contractor is any person not employed by this stationary source and the permittee is employed by the stationary source. (Rule 21, 1200, 1421)
13. Contractors performing marine coating operations shall be provided a copy of this permit prior to commencing coating operations. (Rule 21, 1200, 1421)
14. Contractors shall comply with all conditions in this permit to operate. (Rule 21, 1200, 1421)
15. Contractors shall report the following information to the permittee for each marine coating operation conducted under this permit in a format approved by the permittee. The information under items a and b below shall be provided to the permittee prior to commencing any marine coating operation. (Rule 67.18 and 21)
  - a. current list of coatings, coating components (bases, catalysts, thinners, etc.), surface preparation materials, and equipment cleaning materials in use. Materials shall be identified as follows:
    - 1) coatings shall specify category as per Rule 67.18(D)(1) and 67.18(D)(2), manufacturer name, manufacturer identification, VOC content, and mix ratio;
    - 2) coating components shall specify manufacturer name, identification, VOC content and mix ratio;
    - 3) surface preparation materials and equipment cleaning materials shall specify manufacturer name and manufacturer identification (VOC content, vapor pressure and boiling point shall be listed as applicable to demonstrate compliance with Rule 67.18); and
    - 4) current documentation to demonstrate applicability of any specialty coating category pursuant to Rule 67.18(D)(2);
  - b. current MSDS or manufacturer's specifications for all materials containing VOCs and/or TACs. MSDS and manufacturer's specifications shall, at 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);
  - c. daily or monthly usage records for materials containing VOC, including coatings, coating components, surface preparation materials and cleaning materials, and;
  - d. if applicable, maintain records of actual oven drying temperatures.(Rule 67.18)
16. The permittee shall ensure the usage and/or emission limitation in this permit is not exceeded based on the usage records obtained from the contractor. (Rule 21, 1200, 1421)
17. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District. [Rule 19]

**B. DISTRICT-ONLY ENFORCEABLE CONDITIONS**

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



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

**Sectors:** 4, N  
**Site ID:** APCD2015-SITE-02018  
**App ID:** APCD2019-APP-005729

**PERMIT ID**  
**APCD2006-PTO-974998**

SWRMC  
Air Program Manager  
3755 Brinser St, Bldg 91  
San Diego CA, 92136

**EQUIPMENT ADDRESS**  
SWRMC  
Air Program Manager  
USN NavSta 3 Shore Int Maint  
San Diego CA 92132

## **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**

Marine coating operation to apply coatings on ships and related structures intended for exposure to a marine environment at US Naval Station 32nd St. San Diego, Dry Dock No. 1.  
Functional Group: Ship Construction and Repair

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 [27A] Marine Coating

BEC: APCD2022-CON-001932

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

#### **A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS**

1. All marine coating operations conducted at this stationary marine coating source shall be conducted under a valid stationary permit to operate (PTO). For the purposes of this condition, a stationary marine coating source (SIC 3731) is a piece of land or contiguous pieces of land under common ownership or entitlement to use, where the combined usage of marine coatings is greater than 20 gallons in any consecutive 12-month period or the combined VOC emissions from marine coating operations are greater than 150 pounds in any consecutive 12-month period. Portable equipment shall not supplant or supplement the primary activity of a stationary source as described by the source's Standard Industrial Classification Code (SIC). (Rule 11, 67.18)
2. 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 receive prior District approval by applying for and obtaining an authority to construct for all such modifications. (Rule 51)

**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, N  
**Site ID:** APCD2015-SITE-02018  
**App ID:** APCD2019-APP-005729

**PERMIT ID**  
**APCD2006-PTO-974998**



3. Total emissions of volatile organic compounds (VOC) from all marine coating operations under this permit to operate shall not exceed 1.28 tons in any consecutive 12-month period. (Rule 21, 1200, 1421)
5. Marine coating operation shall comply with all applicable requirements of Rule 67.18. (Rule 67.18)
6. The VOC content of non-specialty coatings for marine coating operations subject to Rule 67.18 shall not contain more than 340 grams per liter VOC for air dried coatings and not more than 275 grams per liter for baked coatings. (Rule 67.18)
7. Marine surface preparation materials shall meet one of the following requirements:
  - a. the VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
  - b. the initial boiling point is at least 190 C (374 deg F); or
  - c. the total VOC vapor pressure is 45 mm Hg or less at 20 deg C (68 deg F). (Rule 67.18)
8. VOC-containing materials used to clean equipment used in marine coating operations shall meet one of the following requirements:
  - a. The VOC content does not exceed 200 grams per liter (1.67 pounds per gallon), as applied; or
  - b. The initial boiling point is at least 190 deg C (374 deg F); or
  - c. The total VOC vapor pressure is 20 mm Hg or less at 20 deg C (68 deg 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 67.18)
9. Permittee shall maintain records for marine coating operations in accordance with Rule 67.18. The records shall contain, at a minimum, the following information:
  - a. current list of coatings, coating components (bases, catalysts, thinners, etc.), surface preparation materials and equipment cleaning materials in use. Materials shall be identified as follows:
    - 1) coatings shall specify category as per Rule 67.18(D)(1) and 67.18(D)(2) manufacturer name, manufacturer identification, VOC content and mix ratio;
    - 2) coating components shall specify manufacturer name, identification, VOC content and mix ratio;
    - 3) surface preparation materials and equipment cleaning materials shall specify manufacturer name and manufacturer identification (VOC content, vapor pressure and boiling point shall be listed as applicable to demonstrate compliance with Rule 67.18);
    - 4) current documentation to demonstrate applicability of any specialty coating category pursuant to Rule 67.18(D)(2);
  - b. current Material Safety Data Sheets (MSDS) or manufacturer's specifications for all materials containing VOCs and/or TACs. MSDS and manufacturer's specifications shall, at 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);
  - c. daily or monthly usage records for all coatings, coating components, surface preparation materials and cleaning materials;
  - d. daily or monthly VOC emissions, and;
  - e. if applicable, maintain records of actual oven drying temperatures.  
(Rule 67.18)
10. All records shall be retained on site for at least three (3) years and made readily available to the District upon request. (Rule 21, 1200, 1421)
11. All materials containing volatile organic compounds shall be stored in closed containers in accordance with Rule 67.17 requirements. (Rule 67.17)



**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, N  
**Site ID:** APCD2015-SITE-02018  
**App ID:** APCD2019-APP-005729

**PERMIT ID**  
**APCD2006-PTO-974998**



12. In addition to all of the conditions in this permit, the following four conditions shall apply when a contractor conducts any marine coating operation under this permit. For the purposes of this permit, a contractor is any person not employed by this stationary source and the permittee is employed by the stationary source. (Rule 21, 1200, 1421)
13. Contractors performing marine coating operations shall be provided a copy of this permit prior to commencing coating operations. (Rule 21, 1200, 1421)
14. Contractors shall comply with all conditions in this permit to operate. (Rule 21, 1200, 1421)
15. Contractors shall report the following information to the permittee for each marine coating operation conducted under this permit in a format approved by the permittee. The information under items a and b below shall be provided to the permittee prior to commencing any marine coating operation. (Rule 67.18 and 21)
  - a. current list of coatings, coating components (bases, catalysts, thinners, etc.), surface preparation materials, and equipment cleaning materials in use. Materials shall be identified as follows:
    - 1) coatings shall specify category as per Rule 67.18(D)(1) and 67.18(D)(2), manufacturer name, manufacturer identification, VOC content, and mix ratio;
    - 2) coating components shall specify manufacturer name, identification, VOC content and mix ratio;
    - 3) surface preparation materials and equipment cleaning materials shall specify manufacturer name and manufacturer identification (VOC content, vapor pressure and boiling point shall be listed as applicable to demonstrate compliance with Rule 67.18); and
    - 4) current documentation to demonstrate applicability of any specialty coating category pursuant to Rule 67.18(D)(2);
  - b. current MSDS or manufacturer's specifications for all materials containing VOCs and/or TACs. MSDS and manufacturer's specifications shall, at 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);
  - c. daily or monthly usage records for materials containing VOC, including coatings, coating components, surface preparation materials and cleaning materials, and;
  - d. if applicable, maintain records of actual oven drying temperatures.  
(Rule 67.18)
16. The permittee shall ensure the usage and/or emission limitation in this permit is not exceeded based on the usage records obtained from the contractor. (Rule 21, 1200, 1421)
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**

4. The Permittee shall only apply materials containing hexavalent chromium, nickel, cadmium, lead, beryllium, manganese, or arsenic when using non-atomizing application technology including brushes, rollers, flow coating, dip coating, touch up markers or marking pens. (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.) (Rule 1210)

## APPENDIX B: RULE REFERENCE TABLE

Rule Citation <sup>1</sup>	RULE TITLE	A/R <sup>2</sup>	District Adoption Date <sup>3</sup>	SIP FR Approval Date
	<b>REGULATION I - GENERAL PROVISIONS</b>			
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 <sup>†</sup>	09/22/72
5	Authority to Arrest	F	03/24/76 <sup>†</sup>	NA
6	Minor Violations	D	12/15/99	N/A
	<b>REGULATION II - PERMITS</b>			
10	Permits Required	F	07/25/95	03/11/98
10.1 <sup>††</sup>	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 <sup>††</sup>	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 <sup>†</sup>	N/A
23	Further Information	D	01/01/69 <sup>†</sup>	N/A
24	Temporary Permit to Operate	F	06/29/16	10/04/18
25	Appeals	F	01/01/69 <sup>†</sup>	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
	<b>REGULATIONS III - FEES</b>			
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
	<b>REGULATIONS IV - PROHIBITIONS</b>			
50	Visible Emissions	F	08/13/97	12/7/98
50.1††	NSPS & NESHAPS Visible Emissions Requirements	D	11/08/76	N/A
51	Nuisance	F	01/01/69†	09/22/72
52	Particulate Matter	F	01/22/97	12/9/98
52.1††	NSPS & NESHAPS Particulate Matter Requirements	D	11/08/76	N/A
53	Specific Contaminants	F	01/22/97	12/9/98
53.1	Scavenger Plants	F	01/01/69†	09/22/72
53.2††	NSPS & NESHAPS Specific Contaminants Requirements	D	11/08/76	N/A
54	Dusts and Fumes	F	01/22/97	12/9/98
54.1	NSPS & NESHAP Dust and Fumes Requirement	D	11/08/76	N/A
55	Fugitive Dust Control	D	06/24/09	N/A
58	Incinerator Burning	F	01/17/73†	05/11/77
59	Control of Waste Disposal - Site Emissions	D	11/03/87	N/A
59.1	Municipal Solid Waste Landfills	D	06/17/98	N/A
60	Circumvention	F	05/17/94	03/09/00
60.1	Limiting Potential to Emit – Small Sources	D	04/04/12	N/A
60.2	Limiting Potential to Emit - Synthetic Minor Sources	D	04/04/12	N/A
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 <sup>†</sup>	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 <sup>††</sup>	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
	<b>REGULATION V - PROCEDURES BEFORE THE HEARING BOARD</b>			
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
	<b>REGULATION VI - BURNING CONTROL</b>			
101	Burning Control	F	09/25/02	04/30/03
	<b>REGULATION VII - VALIDITY AND EFFECTIVE DATE</b>			
140	Validity	F	01/01/69†	09/22/72
141	Effective Date	F	01/01/69†	09/22/72
	<b>REGULATION VIII - SAN DIEGO AIR POLLUTION EMERGENCY PLAN</b>			
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		
<b>REGULATION IX - PUBLIC RECORDS</b>				
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
<b>REGULATION XII - TOXIC AIR CONTAMINANTS</b>				
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

<b>REGULATION XIV - TITLE V OPERATING PERMITS</b>				
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
<b>REGULATION XV - FEDERAL CONFORMITY</b>				
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.

<b>Subpart &amp; Citation</b>	<b>RULE TITLE</b>	<b>District Adoption Date(s)</b>	<b>Federal Delegation Date</b>
<b>Part 60</b>	<b>REGULATION X- STANDARDS OF PERFORMANCE FOR NEW STATIONARY SOURCES</b>	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 Liquid 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 Liquid 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 Industries	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
III	Standards of Performance for Stationary Compression Ignition Internal Combustion Engines	04/06/2021	04/08/2021
JJJJ	Standards of Performance for Stationary Spark Ignition Internal Combustion Engines	04/06/2021	04/08/2021
KKKK	Standards of Performance for Stationary Combustion Turbines	04/06/2021	04/08/2021
QQQQ	Standards of Performance for New Residential Hydronic Heaters and Forced-Air Furnaces	04/06/2021	04/08/2021
TTTT	Standards of Performance for Greenhouse Gas Emissions for Electric Generating Units	04/06/2021	04/08/2021
<b>Part 61 REGULATION XI- NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAPS)</b>			
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.

<b>Subpart &amp; Citation</b>	<b>RULE TITLE</b>
<b>DISTRICT RULES AND REGULATIONS APPENDIX A - CALIFORNIA AIRBORNE TOXIC CONTROL MEASURES (ATCM)</b>	
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
<b>Part 63</b>	<b>DISTRICT RULES AND REGULATIONS APPENDIX B - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAP) FOR SOURCE CATEGORIES</b>
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
CCCCC	Gasoline Dispensing Facilities
HHHHHH	Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources
JJJJJ	Area Sources: Industrial, Commercial, and Institutional Boilers
QQQQQQ	Wood Preserving Area Sources
VVVVVV	Chemical Manufacturing Area Sources
WWWWW	Plating and Polishing Operations Area Sources
XXXXXX	Metal Fabrication and Finishing Area Sources
AAAAAAA	Asphalt Processing and Asphalt Roofing Manufacturing Area Sources
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 <sub>2</sub>	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 <sub>x</sub>	Oxides of nitrogen
O <sub>2</sub>	Oxygen
OES	Office of Environmental Services
O&M	Operation and maintenance
Pb	Lead
PM	Total Particulate Matter
PM <sub>10</sub>	Particulate matter with aerodynamic equivalent diameter of $\leq 10$ microns
PSD	Prevention of Significant Deterioration
RMP	Risk Management Plan
SDCAPCD	San Diego County Air Pollution Control District
SIP	State Implementation Plan
SO <sub>x</sub>	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