

# Bay Area Air Quality Management District

939 Ellis Street  
San Francisco, CA 94109  
(415) 771-6000

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**Final**

## MAJOR FACILITY REVIEW PERMIT

Issued To:

**San Francisco Drydock, Inc.**  
**Facility #A3288**

**Facility Address:**

Foot of 20th Street  
San Francisco, CA 94120

**Mailing Address:**

P. O. Box 7644  
San Francisco, CA 94120

**Responsible Official**

Ira Maybaum, President/GM  
(415) 861-7447 x200

**Facility Contact**

Sean D. Riley, Environmental Manager  
(415) 861-7447 x450

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<b>Type of Facility:</b>	Ship Repair Facility	BAAQMD Engineering Division Contact:
<b>Primary SIC:</b>	3731	Tamiko Endow
<b>Product:</b>	Ship Repair	

**ISSUED BY THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

Signed by Jack P. Broadbent

Jack P. Broadbent, Executive Officer/Air Pollution Control Officer

September 13, 2005

Date

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## I. STANDARD CONDITIONS

### A. Administrative Requirements

The permit holder shall comply with all applicable requirements in the following regulations:

BAAQMD Regulation 1 - General Provisions and Definitions  
(as amended by the District Board on 5/2/01);

SIP Regulation 1 - General Provisions and Definitions  
(as approved by EPA through 6/28/99);

BAAQMD Regulation 2, Rule 1 - Permits, General Requirements  
(as amended by the District Board on 12/21/04);

SIP Regulation 2, Rule 1 - Permits, General Requirements  
(as approved by EPA through 1/26/99);

BAAQMD Regulation 2, Rule 2 - Permits, New Source Review  
(as amended by the District Board on 12/21/04);

SIP Regulation 2, Rule 2 - Permits, New Source Review and Prevention of Significant Deterioration

(as approved by EPA through 1/26/99);

BAAQMD Regulation 2, Rule 4 - Permits, Emissions Banking  
(as amended by the District Board on 12/21/04); and

SIP Regulation 2, Rule 4 - Permits, Emissions Banking  
(as approved by EPA through 1/26/99).

BAAQMD Regulation 2, Rule 6 - Permits, Major Facility Review  
(as amended by the District Board on 4/16/03).

### B. Conditions to Implement Regulation 2, Rule 6, Major Facility Review

1. This Major Facility Review Permit was issued on September 13, 2005, and expires on September 12, 2010. The permit holder shall submit a complete application for renewal of this Major Facility Review Permit no later than March 12, 2010, and no earlier than September 12, 2009. **If a complete application for renewal has not been submitted in accordance with these deadlines, the facility may not operate after September 12, 2010.** If the permit renewal has not been issued by September 12, 2010, but a complete application for renewal has been submitted in accordance with the above deadlines, the existing permit will continue in force until the District takes final action on the renewal application. (Regulation 2-6-307, 404.2, 407, & 409.6; MOP Volume II, Part 3, §4.2)
2. The permit holder shall comply with all conditions of this permit. The permit consists of this document and all appendices. Any non-compliance with the terms and conditions of this permit will constitute a violation of the law and will be grounds for enforcement action; permit termination, revocation and re-issuance, or modification; or denial of a permit renewal application. (Regulation 2-6-307; MOP Volume II, Part 3, §4.11)
3. In the event any enforcement action is brought as a result of a violation of any term or condition of this permit, the fact that it would have been necessary for the permittee to halt or reduce the permitted activity in order to maintain compliance with such term or condition shall not be a defense to such enforcement action. (MOP Volume II, Part 3, §4.11)

## **I. Standard Conditions**

4. This permit may be modified, revoked, reopened and reissued, or terminated for cause. (Regulation 2-6-307, 409.8, 415; MOP Volume II, Part 3, §4.11)
5. The filing of a request by the facility for a permit modification, revocation and re-issuance, or termination, or the filing of a notification of planned changes or anticipated non-compliance does not stay the applicability of any permit condition. (Regulation 2-6-409.7; MOP Volume II, Part 3, §4.11)
6. This permit does not convey any property rights of any sort, nor any exclusive privilege. (Regulation 2-6-409.7; MOP Volume II, Part 3, §4.11)
7. The permit holder shall supply within 30 days any information that the District requests in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. (Regulation 1-441, Regulation 2-6-409.4 & 501; MOP Volume II, Part 3, §4.11)
8. Any records required to be maintained pursuant to this permit which the permittee considers to contain proprietary or trade secret information shall be prominently designated as such. Copies of any such proprietary or trade secret information which are provided to the District shall be maintained by the District in a locked confidential file, provided, however, that requests from the public for the review of any such information shall be handled in accordance with the District's procedures set forth in Section 11 of the District's Administrative Code. (Regulation 2-6-419; MOP Volume II, Part 3, §4.11)
9. Proprietary or trade secret information provided to EPA will be subject to the requirements of 40 CFR Part 2, Subpart B - Public Information, Confidentiality of Business Information. (40 CFR Part 2)
10. The emissions inventory submitted with the application for this Major Facility Review Permit is an estimate of actual emissions or the potential to emit for the time period stated and is included only as one means of determining applicable requirements for emission sources. It does not establish, or constitute a basis for establishing, any new emission limitations. (MOP Volume II, Part 3, §4.11)
11. The responsible official shall certify all documents submitted by the facility pursuant to the major facility review permit. The certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. The certifications shall be signed by a responsible official for the facility. (Regulation 2-6-409.20, MOP Volume II, Part 3, §4.11)
12. The permit holder is responsible for compliance, and certification of compliance, with all conditions of the permit, regardless whether it acts through employees, agents, contractors, or subcontractors. (Regulation 2-6-307)

### **C. Requirement to Pay Fees**

The permit holder shall pay annual fees in accordance with District Regulation 3, including Schedule P. (Regulation 2-6-402 & 409.13, Regulation 3; MOP Volume II, Part 3, §4.12)

### **D. Inspection and Entry**

Access to Facility: The permit holder shall provide reasonable access to the facility and equipment that is subject to this permit to the APCO and/or to his or her designee.

## **I. Standard Conditions**

(Regulation 1-440, Regulation 2-6-409.3; MOP Volume II, Part 3, §4.14)

### **E. Records**

1. The permit holder must provide any information, records, and reports requested or specified by the APCO. (Regulation 1-441, Regulation 2-6-409.4)
2. Notwithstanding the specific wording in any requirement, all records for federally enforceable requirements shall be maintained for at least five years from the date of entry. (Regulation 2-6-501, MOP Volume II, Part 3, §4.7)

### **F. Monitoring Reports**

Reports of all required monitoring must be submitted to the Bay Area Air Quality Management District at least once every six months, except where an applicable requirement specifies more frequent reporting. Reports shall be for the following periods: December 1<sup>st</sup> through May 31<sup>st</sup> and June 1<sup>st</sup> through November 30<sup>th</sup>, and are due on the last day of the month after the end of the reporting period. All instances of non-compliance shall be clearly identified in these reports. The reports shall be certified by the responsible official as true, accurate, and complete. In addition, all instances of non-compliance with the permit shall be reported in writing to the District's Compliance and Enforcement Division within 10 calendar days of the discovery of the incident. Within 30 calendar days of the discovery of any incident of non-compliance, the facility shall submit a written report including the probable cause of non-compliance and any corrective or preventative actions. The reports shall be sent to the following address:

Director of Compliance and Enforcement  
Bay Area Air Quality Management District  
939 Ellis Street  
San Francisco, CA 94109  
Attn: Title V Reports

(Regulation 2-6-502, MOP Volume II, Part 3, §4.7)

### **G. Compliance Certification**

Compliance certifications shall be submitted annually by the responsible official of this facility to the Bay Area Air Quality Management District and to the Environmental Protection Agency. The certification period will be June 1st to May 31st. The certification shall be submitted by June 30<sup>th</sup> of each year. The certification must list each applicable requirement, the compliance status, whether compliance was continuous or intermittent, the method used to determine compliance, and any other specific information required by the permit. The permit holder may satisfy this requirement through submittal of District-generated Compliance Certification forms. The certification should be directed to the District's Compliance and Enforcement Division at the address above, and a copy of the certification should be sent to the Environmental Protection Agency at the following address:

Director of the Air Division  
USEPA, Region IX  
75 Hawthorne Street  
San Francisco, CA 94105

## **I. Standard Conditions**

Attention: Air-3

(MOP Volume II, Part 3, §4.5 and 4.15)

### **H. Emergency Provisions**

1. The permit holder may seek relief from enforcement action in the event of a breakdown, as defined by Regulation 1-208 of the District's Rules and Regulations, by following the procedures contained in Regulations 1-431 and 1-432. The District will thereafter determine whether breakdown relief will be granted in accordance with Regulation 1-433. (MOP Volume II, Part 3, §4.8)
2. The permit holder may seek relief from enforcement action for a violation of any of the terms and conditions of this permit by applying to the District's Hearing Board for a variance pursuant to Health and Safety Code Section 42350. The Hearing Board will determine after notice and hearing whether variance relief should be granted in accordance with the procedures and standards set forth in Health and Safety Code Section 42350 et seq. (MOP Volume II, Part 3, §4.8)
3. The granting by the District of breakdown relief or the issuance by the Hearing Board of a variance will not provide relief from federal enforcement. (MOP Volume II, Part 3, §4.8)

### **I. Severability**

In the event that any provision of this permit is invalidated by a court or tribunal of competent jurisdiction, or by the Administrator of the EPA, all remaining portions of the permit shall remain in full force and effect. (Regulation 2-6-409.5; MOP Volume II, Part 3, §4.10)

### **J. Miscellaneous Conditions**

1. The maximum capacity for each source as shown in Table II-A is the maximum allowable capacity. Exceedance of the maximum allowable capacity for any source is a violation of Regulation 2, Rule 1, Section 301. (Regulation 2-1-301)

## II. EQUIPMENT

**Table II A - Permitted Sources**

Each of the following sources has been issued a permit to operate pursuant to the requirements of BAAQMD Regulation 2, Permits. The capacities in this table are the maximum allowable capacities for each source, pursuant to Standard Condition I.J and Regulation 2-1-301.

S-#	Description	Make or Type	Model	Capacity
S-1	Paint Spraying /Abrasive Blasting Operation	GRACO guns	205457	N/A
S-2	Sandblasting Operation	Custom	N/A	9 tons/hr
S-10	Paint Spray Booth	Custom	N/A	17,000 cfm
S-12	Polyester Resin Operation	Custom	N/A	200 gal/yr
S-13	Diesel Engine, Emergency Standby	Caterpillar	D336	320 hp

### III. GENERALLY APPLICABLE REQUIREMENTS

The permit holder shall comply with all applicable requirements, including those specified in the BAAQMD and SIP Rules and Regulations and other federal requirements cited below. These requirements apply in a general manner to the facility and/or to sources exempt from the requirement to obtain a District Permit to Operate. The District has determined that these requirements would not be violated under normal, routine operations, and that no additional periodic monitoring or reporting to demonstrate compliance is warranted. In cases where a requirement, in addition to being generally applicable, is also specifically applicable to one or more sources, the requirement and the source are also included in Section IV, Source-Specific Applicable Requirements, of this permit. This section also contains provisions that may apply to temporary sources.

The dates in parentheses in the Title column identify the versions of the regulations being cited and are, as applicable:

1. BAAQMD regulation(s): The date(s) of adoption or most recent amendment of the regulation by the District Board of Directors
2. Any federal requirement, including a version of a District regulation that has been approved into the SIP: The most recent date of EPA approval of any portion of the rule, encompassing all actions on the rule through that date

The full language of SIP requirements is on EPA Region 9's website. The address is <http://yosemite.epa.gov/r9/r9sips.nsf/Agency?ReadForm&count=500&state=California&cat=Bay+Area+Air+Quality+Management+District-Agency-Wide+Provisions>.

**NOTE:**

There are differences between the current BAAQMD rule and the version of the rule in the SIP. All sources must comply with both versions of the rule until US EPA has reviewed and approved the District's revision of the regulation.

**Table III  
 Generally Applicable Requirements**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>
BAAQMD Regulation 1	General Provisions and Definitions (5/2/01)	N
SIP Regulation 1	General Provisions and Definitions (6/28/99)	Y
BAAQMD Regulation 2, Rule 1	General Requirements (12/21/04)	N
BAAQMD 2-1-429	Federal Emissions Statement (6/7/95)	Y
SIP Regulation 2, Rule 1	General Requirements (1/26/99)	Y
BAAQMD Regulation 4	Air Pollution Episode Plan (3/20/91)	N
SIP Regulation 4	Air Pollution Episode Plan (8/06/90)	Y
BAAQMD Regulation 5	Open Burning (3/6/02)	N



### III. Generally Applicable Requirements

**Table III**  
**Generally Applicable Requirements**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>
SIP Regulation 5	Open Burning (9/4/98)	Y
BAAQMD Regulation 6	Particulate Matter and Visible Emissions (12/19/90)	Y
BAAQMD Regulation 7	Odorous Substances (3/17/82)	N
BAAQMD Regulation 8, Rule 1	Organic Compounds - General Provisions (6/15/94)	Y
BAAQMD Regulation 8, Rule 2	Organic Compounds – Miscellaneous Operations (6/15/94)	Y
BAAQMD Regulation 8, Rule 3	Organic Compounds - Architectural Coatings (11/21/01)	Y
BAAQMD Regulation 8, Rule 4	Organic Compounds - General Solvent and Surface Coating Operation (10/16/02)	Y
BAAQMD Regulation 8, Rule 15	Organic Compounds – Emulsified and Liquid Asphalts (6/1/94)	Y
BAAQMD Regulation 8, Rule 40	Organic Compounds - Aeration of Contaminated Soil and Removal of Underground Storage Tanks (12/15/99)	Y
BAAQMD Regulation 8, Rule 47	Organic Compounds - Air Stripping and Soil Vapor Extraction Operations (6/15/94)	Y
BAAQMD Regulation 8, Rule 49	Organic Compounds - Aerosol Paint Products (12/20/95)	N
SIP Regulation 8, Rule 49	Organic Compounds - Aerosol Paint Products (3/22/95)	Y
BAAQMD Regulation 8, Rule 51	Organic Compounds - Adhesive and Sealant Products (7/17/02)	N
SIP Regulation 8, Rule 51	Organic Compounds - Adhesive and Sealant Products (2/26/02)	Y
BAAQMD Regulation 9, Rule 1	Inorganic Gaseous Pollutants - Sulfur Dioxide (3/15/95)	N
SIP Regulation 9, Rule 1	Inorganic Gaseous Pollutants - Sulfur Dioxide (6/8/99)	Y
BAAQMD Regulation 11, Rule 2	Hazardous Pollutants - Asbestos Demolition, Renovation and Manufacturing (10/7/98)	N
BAAQMD Regulation 12, Rule 4	Miscellaneous Standards of Performance - Sandblasting (7/11/90)	N
SIP Regulation 12, Rule 4	Miscellaneous Standards of Performance - Sandblasting (9/2/81)	Y
California Health and Safety Code Section 41750 et seq.	Portable Equipment	N
California Health and Safety Code Section 44300 et seq.	Air Toxics “Hot Spots” Information and Assessment Act of 1987	N

### III. Generally Applicable Requirements

**Table III**  
**Generally Applicable Requirements**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>
40 CFR Part 61, Subpart M	National Emission Standards for Hazardous Air Pollutants – National Emission Standard for Asbestos (6/19/95)	Y
EPA Regulation 40 CFR 82	Protection of Stratospheric Ozone (2/21/95)	Y
Subpart F, 40 CFR 82.156	Leak Repair	Y
Subpart F, 40 CFR 82.161	Certification of Technicians	Y
Subpart F, 40 CFR 82.166	Records of Refrigerant	Y

#### IV. SOURCE-SPECIFIC APPLICABLE REQUIREMENTS

The permit holder shall comply with all applicable requirements, including those specified in the BAAQMD and SIP Rules and Regulations and other federal requirements cited below. The requirements cited in the following tables apply in a specific manner to the indicated source(s).

The dates in parentheses in the Title column identify the versions of the regulations being cited and are, as applicable:

1. BAAQMD regulation(s): The date(s) of adoption or most recent amendment of the regulation by the District Board of Directors
2. Any federal requirement, including a version of a District regulation that has been approved into the SIP: The most recent date of EPA approval of any portion of the rule, encompassing all actions on the rule through that date

The full text of each permit condition cited is included in Section VI, Permit Conditions, of this permit. The full language of SIP requirements is on EPA Region 9's website. The address is:

<http://yosemite.epa.gov/r9/r9sips.nsf/Agency?ReadForm&count=500&state=California&cat=Bay+Area+Air+Quality+Management+District-Agency-Wide+Provisions>. All other text may be found in the regulations themselves.

**Table IV - A**  
**Source-specific Applicable Requirements**  
**S-1, Paint Spraying/Abrasive Blasting Operation**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 6</b>	<b>Particulate Matter and Visible Emissions (12/19/90)</b>		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particles	Y	
6-401	Appearance of Emissions	Y	
<b>BAAQMD Regulation 8, Rule 43</b>	<b>Organic Compounds - Surface Preparation and Coating of Marine Vessels (10/16/02)</b>		
8-43-301	Limits	Y	
8-43-301.2	Air-Dried Coatings	Y	
8-43-302	Specialty Coating Limits	Y	
8-43-302.1	Anti-foulant	Y	
8-43-302.2	Heat Resistant	Y	

## IV. Source-Specific Applicable Requirements

**Table IV - A**  
**Source-specific Applicable Requirements**  
**S-1, Paint Spraying/Abrasive Blasting Operation**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-43-302.7	Pretreatment Wash Primer	Y	
8-43-302.9	Military Exterior Topcoat	Y	
8-43-302.10	Specialty Interior	Y	
8-43-302.12	Special Marking	Y	
8-43-320	Solvent Evaporative Loss Minimization	Y	
8-43-321	Surface Preparation Standards	Y	
8-43-501	Coating Records	Y	
<b>40 CFR 63, Subpart A</b>	<b>National Emission Standards for Hazardous Air Pollutants – General Provisions (4/22/04)</b>		
63.1	Applicability	Y	
63.1(a)	General	Y	
63.1(b)	Initial Applicability Determination	Y	
63.1(c)	Applicability of this Part after Relevant Standard has been Set	Y	
63.4	Prohibited Activities and Circumvention	Y	
63.5	Preconstruction Review and Notification Requirements	Y	
63.6	Compliance with Standards and Maintenance Requirements	Y	
63.6(a)	Applicability	Y	
63.6(b)	Compliance Dates for New and Reconstructed Sources	Y	
63.6(c)	Compliance Dates for Existing Sources	Y	
63.6(i)	Extension of Compliance with Emission Standards	Y	
63.6(j)	Exemption from Compliance with Emission Standards	Y	
63.9	Notification Requirements	Y	
63.9(a)	Applicability and General Information	Y	
63.9(b)	Initial Notifications	Y	
63.9(c)	Request for Extension of Compliance	Y	
63.9(d)	Notification that Source is Subject to Special Compliance Requirements	Y	
63.9(i)	Adjustment to Time Periods or Postmark Deadlines for Submittal and Review of Required Communications	Y	
63.9(j)	Change in Information Already Provided	Y	
63.10	Recordkeeping and Reporting Requirements	Y	
63.10(a)	Applicability and General Information	Y	

#### IV. Source-Specific Applicable Requirements

**Table IV - A**  
**Source-specific Applicable Requirements**  
**S-1, Paint Spraying/Abrasive Blasting Operation**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
63.10(b)	General Recordkeeping Requirements	Y	
63.10(d)	General Reporting Requirements	Y	
63.15	Availability of Information and Confidentiality	Y	
63.15(a)	Availability of Information	Y	
63.15(b)	Confidentiality	Y	
<b>40 CFR 63, Subpart II</b>	<b>National Emission Standards for Shipbuilding and Ship Repair (Surface Coating) (10/17/00)</b>		
63.781	Applicability	Y	
63.781(a)	Shipbuilding and Ship Repair Operations at a Major Source	Y	
63.781(b)	Exempt Coatings – Low Usage	Y	
63.781(c)	Exempt Coatings – Non-refillable Aerosol Cans, Polyester Resin	Y	
63.781(d)	Subpart A, Startups, Shutdowns, Malfunctions, and Continuous Monitoring does not apply.	Y	
63.783	Standards	Y	
63.783(a)	Volatile Organic HAP	Y	
63.783(b)	Handling, Transfer, and Storage	Y	
63.785	Compliance Procedures	Y	
63.785(a)	Coating - Identification and Certification	Y	
63.785(b)	Coating – Compliance Testing	Y	
63.785(c)	Coating – Other Compliance Options	Y	
63.785(d)	Violations	Y	
63.786	Test Methods and Procedures	Y	
63.786(a)	Method 24	Y	
63.786(b)	Administrator Approval of Test Method	Y	
63.786(c)	Batch Formulation Data	Y	
63.786(d)	Appendix A Forms and Procedures	Y	
63.787	Notification Requirements	Y	
63.787(a)	Subpart A Notifications - except §63.9(a) through (d) and (i) through (j) extended to 180 days	Y	
63.788	Recordkeeping and Reporting Requirements	Y	
63.788(a)	Subpart A Recordkeeping and Reporting	Y	

#### IV. Source-Specific Applicable Requirements

**Table IV - A**  
**Source-specific Applicable Requirements**  
**S-1, Paint Spraying/Abrasive Blasting Operation**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
63.788(b)	Recordkeeping	Y	
63.788(c)	6-Month Reporting	Y	
Subpart II Table 2	General Use Coating	Y	
Subpart II Table 2	Anti-foulant Coating	Y	
Subpart II Table 2	Military Exterior Coating	Y	
Subpart II Table 2	Nonskid Coating	Y	
Subpart II Table 2	Pre-treatment Wash Primer	Y	
Subpart II Table 2	Special Marking Coating	Y	
Subpart II Table 2	Specialty Interior Coating	Y	
<b>BAAQMD Condition #3419</b>	<b>Operating Requirement</b>		
Part 1	Particulate Control (basis: Regulation 6-301, Regulation 6-305)	Y	
Part 2	Wind Monitoring (basis: Regulation 6-305, Regulation 2-6-503)	Y	
Part 3	Visible Emission Check (basis: Regulation 6-301, Regulation 6-305, Regulation 2-6-503)	Y	
Part 4	Recordkeeping (basis: Regulation 6-301, Regulation 8-43-501, Regulation 2-6-501)	Y	

#### IV. Source-Specific Applicable Requirements

**Table IV - B**  
**Source-specific Applicable Requirements**  
**S-2, Sandblasting Operation**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
<b>BAAQMD Regulation 6</b>	<b>Particulate Matter and Visible Emissions (12/19/90)</b>		
6-301	Ringelmann No. 1 Limitation	Y	
6-305	Visible Particles	Y	
6-401	Appearance of Emissions	Y	
<b>BAAQMD Condition #3420</b>	<b>Operating Requirement</b>		
Part 1	Visible Emissions Monitoring (basis: Regulation 6-301, Regulation 6-305, Regulation 2-6-503)	Y	
Part 2	Recordkeeping (basis: Regulation 6-301, Regulation 6-305, Regulation 2-6-501)	Y	

**Table IV - C**  
**Source-specific Applicable Requirements**  
**S-10, Paint Spray Booth**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
<b>BAAQMD Regulation 8, Rule 43</b>	<b>Organic Compounds - Surface Preparation and Coating of Marine Vessels (10/16/02)</b>		
8-43-301	Limits	Y	
8-43-301.2	Air-Dried Coatings	Y	
8-43-302	Specialty Coating Limits	Y	
8-43-302.1	Anti-foulant	Y	
8-43-302.2	Heat Resistant	Y	
8-43-302.7	Pretreatment Wash Primer	Y	
8-43-302.9	Military Exterior Topcoat	Y	
8-43-302.10	Specialty Interior	Y	

## IV. Source-Specific Applicable Requirements

**Table IV - C**  
**Source-specific Applicable Requirements**  
**S-10, Paint Spray Booth**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-43-302.12	Special Marking	Y	
8-43-320	Solvent Evaporative Loss Minimization	Y	
8-43-321	Surface Preparation Standards	Y	
8-43-501	Coating Records	Y	
<b>40 CFR 63, Subpart A</b>	<b>National Emission Standards for Hazardous Air Pollutants – General Provisions (4/22/04)</b>		
63.1	Applicability	Y	
63.1(a)	General	Y	
63.1(b)	Initial Applicability Determination	Y	
63.1(c)	Applicability of this Part after Relevant Standard has been Set	Y	
63.4	Prohibited Activities and Circumvention	Y	
63.5	Preconstruction Review and Notification Requirements	Y	
63.6	Compliance with Standards and Maintenance Requirements	Y	
63.6(a)	Applicability	Y	
63.6(b)	Compliance Dates for New and Reconstructed Sources	Y	
63.6(c)	Compliance Dates for Existing Sources	Y	
63.6(i)	Extension of Compliance with Emission Standards	Y	
63.6(j)	Exemption from Compliance with Emission Standards	Y	
63.9	Notification Requirements	Y	
63.9(a)	Applicability and General Information	Y	
63.9(b)	Initial Notifications	Y	
63.9(c)	Request for Extension of Compliance	Y	
63.9(d)	Notification that Source is Subject to Special Compliance Requirements	Y	
63.9(i)	Adjustment to Time Periods or Postmark Deadlines for Submittal and Review of Required Communications	Y	
63.9(j)	Change in Information Already Provided	Y	
63.10	Recordkeeping and Reporting Requirements	Y	
63.10(a)	Applicability and General Information	Y	
63.10(b)	General Recordkeeping Requirements	Y	
63.10(d)	General Reporting Requirements	Y	
63.15	Availability of Information and Confidentiality	Y	



#### IV. Source-Specific Applicable Requirements

**Table IV - C**  
**Source-specific Applicable Requirements**  
**S-10, Paint Spray Booth**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
63.15(a)	Availability of Information	Y	
63.15(b)	Confidentiality	Y	
<b>40 CFR 63, Subpart II</b>	<b>National Emission Standards for Shipbuilding and Ship Repair (Surface Coating) (10/17/00)</b>		
63.781	Applicability	Y	
63.781(a)	Shipbuilding and Ship Repair Operations at a Major Source	Y	
63.781(b)	Exempt Coatings – Low Usage	Y	
63.781(c)	Exempt Coatings – Non-refillable Aerosol Cans, Polyester Resin	Y	
63.781(d)	Subpart A, Startups, Shutdowns, Malfunctions, and Continuous Monitoring does not apply.	Y	
63.783	Standards	Y	
63.783(a)	Volatile Organic HAP	Y	
63.783(b)	Handling, Transfer, and Storage	Y	
63.785	Compliance Procedures	Y	
63.785(a)	Coating - Identification and Certification	Y	
63.785(b)	Coating – Compliance Testing	Y	
63.785(c)	Coating – Other Compliance Options	Y	
63.785(d)	Violations	Y	
63.786	Test Methods and Procedures	Y	
63.786(a)	Method 24	Y	
63.786(b)	Administrator Approval of Test Method	Y	
63.786(c)	Batch Formulation Data	Y	
63.786(d)	Appendix A Forms and Procedures	Y	
63.787	Notification Requirements	Y	
63.787(a)	Subpart A Notifications - except §63.9(a) through (d) and (i) through (j) extended to 180 days	Y	
63.788	Recordkeeping and Reporting Requirements	Y	
63.788(a)	Subpart A Recordkeeping and Reporting	Y	
63.788(b)	Recordkeeping	Y	
63.788(c)	6-Month Reporting	Y	
Subpart II Table 2	General Use Coating	Y	

#### IV. Source-Specific Applicable Requirements

**Table IV - C**  
**Source-specific Applicable Requirements**  
**S-10, Paint Spray Booth**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
Subpart II Table 2	Anti-foulant Coating	Y	
Subpart II Table 2	Military Exterior Coating	Y	
Subpart II Table 2	Nonskid Coating	Y	
Subpart II Table 2	Pre-treatment wash primer	Y	
Subpart II Table 2	Special Marking Coating	Y	
Subpart II Table 2	Specialty Interior Coating	Y	
<b>BAAQMD Condition #7887</b>	<b>Organic Compounds</b>		
Part 1	Annual VOC Emissions Limit (basis: Cumulative Increase)	Y	
Part 2	Daily VOC Emissions Limit (basis: Cumulative Increase)	Y	
Part 3	Annual Coating Throughput Limit (basis: Cumulative Increase)	Y	
Part 4	Daily Coating Throughput Limit (basis: Cumulative Increase)	Y	
Part 5	Annual Solvent Throughput Limit (basis: Cumulative Increase)	Y	
Part 6	Daily Solvent Throughput Limit (basis: Avoidance of BACT)	Y	
Part 7	Recordkeeping (basis: Regulation 8-43-501, Regulation 2-6-501)	Y	

#### IV. Source-Specific Applicable Requirements

**Table IV - D**  
**Source-specific Applicable Requirements**  
**S-12, Polyester Resin Operation, Hand-Layup**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
<b>BAAQMD Regulation 8, Rule 50</b>	<b>Organic Compounds – Polyester Resin Operations (11/06/96)</b>		
8-50-301	Process Requirements	Y	
8-50-301.1	Monomer content of no greater than 35 percent by weight	Y	
8-50-305	Surface Preparation and Clean-up Solvent	Y	
8-50-501	Records	Y	
<b>BAAQMD Condition #17063</b>	<b>Organic Compounds</b>		
Part 1	Annual Resin Throughput Limit (basis: Cumulative Increase)	Y	
Part 2	Annual Solvent Throughput Limit (basis: Cumulative Increase)	Y	
Part 3	Recordkeeping (basis: Regulation 8-50-501, Regulation 2-6-501)	Y	

#### IV. Source-Specific Applicable Requirements

**Table IV - E**  
**Source-specific Applicable Requirements**  
**S-13, Emergency Standby Diesel Engine**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
<b>SIP Regulation 1</b>	<b>General Provisions and Definitions (6/28/99)</b>		
1-110.2	Exclusions – Emergency Internal Combustion Engines	Y	
<b>BAAQMD Regulation 6</b>	<b>Particulate Matter and Visible Emissions (12/19/90)</b>		
6-303	Ringelmann No. 2 Limitation	N	
6-303.1	Standby Engines	N	
6-305	Visible Particles	N	
6-310	Particulate Weight Limitation	N	
6-401	Appearance of Emissions	N	
<b>BAAQMD Regulation 9, Rule 1</b>	<b>Inorganic Gaseous Pollutants – Sulfur Dioxide (3/15/95)</b>		
9-1-301	Limitations on Ground Level Concentrations	N	
9-1-304	Fuel Burning (Liquid and Solid Fuels)	N	
<b>BAAQMD Regulation 9, Rule 8</b>	<b>Inorganic Gaseous Pollutants – Nitrogen Oxides and Carbon Monoxide from Stationary Internal Combustion Engines (8/1/01)</b>		
9-8-110	Exemptions	N	
9-8-330	Emergency Standby Engines, Hours of Operation	N	
9-8-530	Emergency Standby Engines, Monitoring and Recordkeeping	N	
<b>BAAQMD Condition #18943</b>			
Part 1	Hours of Operation (basis: Regulation 9-8-330)	N	
Part 2	Fuel and Fuel Sulfur Content (basis: Regulation 9-1-304)	N	
Part 3	Emergency Use (basis: Regulation 9-8-231)	N	
Part 4	Reliability Related Activities (basis: Regulation 9-8-232)	N	
Part 5	Monitoring (basis: Regulation 9-8-530)	N	
Part 6	Recordkeeping (basis: Regulation 1-441, Regulation 9-8-530, Regulation 2-6-501)	N	

## V. SCHEDULE OF COMPLIANCE

The permit holder shall comply with all applicable requirements cited in this permit. The permit holder shall also comply with applicable requirements that become effective during the term of this permit on a timely basis.

## VI. PERMIT CONDITIONS

Any condition that is preceded by an asterisk is not federally enforceable.

### **Condition #3419**

#### **Application 1005, Revised under Application 16485 For S-1, Paint Spraying/Abrasive Blasting Operation**

1. Tarp, curtains, and shrouding shall be use at all times during paint spray or abrasive blasting operations. (basis: District Regulation 6-301, District Regulation 6-305)
2. A windsock shall be used to determine wind direction and wind velocity. Paint spraying operation shall stop when wind direction and velocity indicates that particles are blowing off the facility site. (basis: District Regulation 6- 305, District Regulation 2-6-503)
3. The abrasive blasting operation shall be visually checked for visible emissions while the equipment is operating at all times. If any visible emissions are detected, the operator shall shut down the operation and take corrective action until visible emissions are no longer detected. (basis: District Regulation 6-301, District Regulation 6-305, District Regulation 2-6-503)
4. The daily usage of all coating, clean-up solvent, abrasive, and visible emission checks, along with any corrective action taken, shall be recorded in a District approved log and retained for at least five years from date of entry. This log shall be kept on site and made available to the district staff upon request. (basis: District Regulation 6-301, District Regulation 8-43-501, District Regulation 2-6-501)

### **Condition #3420**

#### **Application 1005, Revised under Application 16485 For S-2, Sandblasting Operation**

1. The abrasive blasting operation shall be visually checked for visible emissions

## VI. Permit Conditions

while the equipment is operating at all times. If any visible emissions are detected, the operator shall shut down the operation and take corrective action until visible emissions are no longer detected. (basis: District Regulation 6-301, District Regulation 6-305, District Regulation 2-6-503)

2. The daily throughput of sandblasting material and records of all visible emission checks, along with any corrective action taken, shall be recorded in a District approved log and retained for at least five years from date of entry. This log shall be kept on site and made available to the district Staff upon request. (basis: District Regulation 6-301, District Regulation 6-305, District Regulation 2-6-501)

### **Condition #7887**

#### **Application 4789, Revised under Application 16485, 11369**

#### **For S-10, Paint Spray Booth**

1. The total release of precursor organic compounds from this painting operation (S-10) shall not exceed 22.5 tons in any consecutive 12-month period. (basis: Cumulative Increase)
2. The total release of precursor organic compounds from this painting operation (S-10) shall not exceed 140 pounds in any day. (basis: Cumulative Increase)
3. The total usage of coating at S-10 shall not exceed 12,600 gallons in any consecutive 12-month period. (basis: Cumulative Increase)
4. The total usage of coating at S-10 shall not exceed 40 gallons in any day. (basis: Cumulative Increase)
5. The total usage of cleanup solvent shall not exceed 1385 gallons in any consecutive 12-month period. (basis: Cumulative Increase)
6. The total usage of cleanup solvent shall not exceed 4 gallons in any day. (basis: Cumulative Increase)
7. The type, VOC content, and amount of coating and cleanup solvent used shall be recorded, in a District approved log, on a daily basis. This record shall be retained for a period of at least five years from date of entry. It shall be kept on site and made available to the District staff upon request. (basis: Cumulative Increase, District Regulation 8-43-501, District Regulation 2-6-501)

### **Condition #17063**

## VI. Permit Conditions

### **Application 807 For S-12, Polyester Resin Operation**

1. The total amount of polyester resin material used at S-12 shall not exceed 200 gallons during any consecutive twelve month period. (basis: Cumulative Increase)
2. The total amount of acetone used at S-12 shall not exceed 10 gallons during any consecutive twelve-month period. (basis: Cumulative Increase)
3. In order to demonstrate compliance with above conditions, the following shall be maintained in a District approved log and retained for at least five years from date of entry. This log shall be kept on site and made available to the District staff upon request.
  - a) The type, monomer content, amount of polyester resin, and solvent used monthly.  
(basis: District Regulation 8-50-501, District Regulation 2-6-501)

### **Condition #18943 Application 4417, Revised under Application 11369 For S-13, Emergency Standby Diesel Generator**

- \*1. Hours of Operation: The emergency standby generator, S-13, shall only be operated for emergency use or for reliability-related activities. Operation for reliability-related activities shall not exceed 100 hours per calendar year for S-13. Operation for emergency use is unlimited.  
(basis: District Regulation 9-8-330)
- \*2. The emergency standby generator, S-13, shall be fired exclusively on diesel fuel having a sulfur content no greater than 0.5% by weight. The sulfur content of the fuel shall be certified by the fuel vendor.  
(basis: District Regulation 9-1-304)
- \*3. Emergency use is defined as the use of an emergency standby engine during any of the following:
  - a. In the event of loss of regular natural gas supply;
  - b. In the event of failure of regular electric power supply;
  - c. Flood mitigation;
  - d. Sewage overflow mitigation;
  - e. Fire;

## VI. Permit Conditions

f. Failure of a primary motor, but only for such time as needed to repair or replace the primary motor.

(basis: District Regulation 9-8-231)

\*4. Reliability-related activities is defined as the use of an emergency standby engine during any of the following:

a. Operation of an emergency standby engine to test its ability to perform for an emergency use;

b. Operation of an emergency standby engine during maintenance of a primary motor.

(basis: District Regulation 9-8-232)

\*5. Monitoring: Each emergency standby engine shall be equipped with either:

a. A non-resettable totalizing meter that measures and records hours of operation.

b. A non-resettable fuel usage meter

(basis: District Regulation 9-8-530)

\*6. Recordkeeping: All records shall be kept for at least five years, and shall be available for inspection by District staff upon request. The operator shall keep a monthly log of usage that shall indicate the following:

a. Hours of operation (total)

b. Hours of operation (emergency) and the nature of the emergency condition.

c. Fuel usage.

(basis: District Regulation 1-441, District Regulation 9-8-530, District Regulation 2-6-501)



## VII. APPLICABLE LIMITS & COMPLIANCE MONITORING REQUIREMENTS

This section has been included only to summarize the applicable emission limits contained in Section IV, Source-Specific Applicable Requirements, of this permit. The following tables show the relationship between each emission limit and the associated compliance monitoring provisions, if any. The monitoring frequency indicates whether periodic (P) or continuous (C) monitoring is required. For periodic monitoring, the frequency of the monitoring has also been shown, using the following codes: annual (A), quarterly (Q), monthly (M), weekly (W), daily (D), or on an event basis (E). No monitoring (N) has been required if the current applicable rule or regulation does not require monitoring, and the operation is unlikely to deviate from the applicable emission limit based upon the nature of the operation.

This section is only a summary of the limits and monitoring requirements. In the case of a conflict with any requirement in Sections I-VI, the preceding sections take precedence over Section VII.

**Table VII – A**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-1, Paint Spray/Abrasive Blasting Operation**

Type of limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD 6-301	Y		Ringelmann #1 Limitation for < 3 minutes/hour	BAAQMD Condition #3419, Part 3	P/E	Visible Emission Checks
VOC	BAAQMD 8-43-301.2	Y		General coating: air dried 2.8 lbs VOC/gal*	BAAQMD 8-43-501	P/D	Records
VOC	BAAQMD 8-43-302.1	Y		Anti-foulant coating: 3.3 lbs VOC/gal*	BAAQMD 8-43-501	P/D	Records
VOC	BAAQMD 8-43-302.2	Y		Heat Resistant coating: 3.5 lbs VOC/gal*	BAAQMD 8-43-501	P/D	Records
VOC	BAAQMD 8-43-302.7	Y		Pretreatment Wash Primer: 3.5 lbs VOC/gal*	BAAQMD 8-43-501	P/D	Records
VOC	BAAQMD 8-43-302.9	Y		Military Exterior Topcoat: 2.8 lbs VOC/gal*	BAAQMD 8-43-501	P/D	Records
VOC	BAAQMD 8-43-302.10	Y		Specialty Interior coating: 2.8 lbs VOC/gal*	BAAQMD 8-43-501	P/D	Records
VOC	BAAQMD 8-43-302.12	Y		Special Marking coating: 4.1 lbs VOC/gal*	BAAQMD 8-43-501	P/D	Records

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – A**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-1, Paint Spray/Abrasive Blasting Operation**

Type of limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-43-321	Y		Surface Preparation Solvent 0.42 lbs/gal	BAAQMD 8-43-501	P/D	Records
VOC	40 CFR 63.783a, Table 2, Subpart II	Y		General Coating 2.83 lbs VOC/gal*	40 CFR 63.788	P/M	Records
VOC	40 CFR 63.783a, Table 2, Subpart II	Y		Anti-foulant Coating 3.33 lbs VOC/gal*	40 CFR 63.788	P/M	Records
VOC	40 CFR 63.783a, Table 2, Subpart II	Y		Pretreatment Wash Primer 6.50 lbs VOC/gal*	40 CFR 63.788	P/M	Records
VOC	40 CFR 63.783a, Table 2 Subpart II	Y		Special Marking Coating 4.08 lbs VOC/gal*	40 CFR 63.788	P/M	Records
VOC	40 CFR 63.783a, Table 2, Subpart II	Y		Military Exterior Coating 2.83 lbs VOC/gal*	40 CFR 63.788	P/M	Records
VOC	40 CFR 63.783a, Table 2, Subpart II	Y		Nonskid Coating 2.83 lbs VOC/gal*	40 CFR 63.788	P/M	Records
VOC	40 CFR 63.783a, Table 2, Subpart II	Y		Specialty Interior Coating 2.83 lbs VOC/gal*	40 CFR 63.788	P/M	Records

\* Excluding water and exempt solvents

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII - B**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-2, Sandblasting operation**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD 6-301	Y		Ringelmann #1 Limitation for < 3 minutes/hour	BAAQMD Condition #3420, Part 1	P/E	Visible Emissions Checks

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII - C**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-10, Paint Spray Booth**

Type of Limit	Citation of limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-43-301.2	Y		General coating: air dried 2.8 lbs VOC/gal*	BAAQMD 8-43-501	P/D	Records
	BAAQMD 8-43-302.1	Y		Anti-foulant coating: 3.3 lbs VOC/gal*	BAAQMD 8-43-501	P/D	Records
	BAAQMD 8-43-302.2	Y		Heat Resistant coating: 3.5 lbs VOC/gal*	BAAQMD 8-43-501	P/D	Records
	BAAQMD 8-43-302.7	Y		Pretreatment Wash Primer: 3.5 lbs VOC/gal*	BAAQMD 8-43-501	P/D	Records
	BAAQMD 8-43-302.9	Y		Military Exterior Topcoat: 2.8 lbs VOC/gal*	BAAQMD 8-43-501	P/D	Records
	BAAQMD 8-43-302.10	Y		Specialty Interior coating: 2.8 lbs VOC/gal*	BAAQMD 8-43-501	P/D	Records
	BAAQMD 8-43-302.12	Y		Special Marking coating: 4.1 lbs VOC/gal*	BAAQMD 8-43-501	P/D	Records
	BAAQMD 8-43-321	Y		Surface Preparation Solvent 0.42 lbs/gal	BAAQMD 8-43-501	P/D	Records
	Condition #7887, Part 1	Y		Emission Limit 22.5 TPY	BAAQMD Condition # 7887, Part 7	P/D	Records
	Condition #7887, Part 2	Y		Emission Limit 140 lb/day	BAAQMD Condition # 7887, Part 7	P/D	Records
	Condition #7887, Part 3	Y		Coating Usage Limit 12,600 gal/yr	BAAQMD Condition # 7887, Part 7	P/D	Records
	Condition #7887, Part 4	Y		Coating Usage Limit 40 gal/day	BAAQMD Condition # 7887, Part 7	P/D	Records

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII - C**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-10, Paint Spray Booth**

Type of Limit	Citation of limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	Condition #7887, Part 5	Y		Solvent Usage Limit 1,385 gal/yr	BAAQMD Condition # 7887, Part 7	P/D	Records
	Condition #7887, Part 6	Y		Solvent Usage Limit 4 gal/day	BAAQMD Condition # 7887, Part 7	P/D	Records
	40 CFR 63.783a, Table 2, Subpart II	Y		General Coating 2.83 lbs VOC/gal*	40 CFR 63.788	P/M	Records
	40 CFR 63.783a, Table 2, Subpart II	Y		Antifoulant Coating 3.33 lbs VOC/gal*	40 CFR 63.788	P/M	Records
	40 CFR 63.783a, Table 2, Subpart II	Y		Pretreatment Wash Primer 6.50 lbs VOC/gal*	40 CFR 63.788	P/M	Records
	40 CFR 63.783a, Table 2, Subpart II	Y		Special Marking Coating 4.08 lbs VOC/gal*	40 CFR 63.788	P/M	Records
	40 CFR 63.783a, Table 2, Subpart II	Y		Military Exterior Coating 2.83 lbs VOC/gal*	40 CFR 63.788	P/M	Records
	40 CFR 63.783a, Table 2, Subpart II	Y		Nonskid Coating 2.83 lbs VOC/gal*	40 CFR 63.788	P/M	Records
	40 CFR 63.783a, Table 2, Subpart II	Y		Specialty Interior Coating 2.83 lbs VOC/gal*	40 CFR 63.788	P/M	Records

\* Excluding water and exempt solvents

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII - D**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-12, Polyester Resin operation**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-50-301.1	Y		Monomer content ≤ 35% by wt.	BAAQMD 8-43-501	P/D	Records
	BAAQMD 8-50-305.4	Y		Cleanup material 1.70 lbs VOC/gal	BAAQMD 8-43-501	P/D	Records
	Condition #17063, Part 1	Y		Resin Usage 200 gal/yr	BAAQMD Condition #17063, Part 3	P/D	Records
	Condition #17063, Part 2	Y		Solvent Usage 10 gal/yr	BAAQMD Condition #17063, Part 3	P/D	Records

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII - E**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-13, Emergency Standby Diesel Engine**

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	BAAQMD 6-303	Y		Ringelmann #2 Limitation for < 3 minutes/hour	None	N	N/A
PM	BAAQMD 6-310	Y		0.15 gr/dscf	None	N	N/A
SO2	BAAQMD 9-1-301	Y		Ground Level Concentration ≤ 0.5 ppm continuously for 3 minutes ≤ 0.25 ppm averaged over 60 minutes ≤ 0.05 ppm averaged over 24 hours	None	N	N/A
Sulfur	BAAQMD 9-1-304; Condition 18943, Part 2	Y		Sulfur content ≤ 0.5% by weight	Condition 18943, Part 2	P/E	Fuel certification
Hours	BAAQMD 9-8-330; Condition 18943, Part 1	N		Hours of operation for reliability-related activities ≤ 100 hours/yr	BAAQMD 9-8-530; Condition 18943, Part 5	P/M	Records

## VIII. TEST METHODS

The test methods associated with the emission limit of a District regulation are generally found in Section 600 et seq. of the regulation. The following table indicates only the test methods associated with the emission limits included in Section VII, Applicable Emission Limits & Compliance Monitoring Requirements, of this permit.

**Table VIII**  
**Test Methods**

<b>Applicable Requirement</b>	<b>Description of Requirement</b>	<b>Acceptable Test Methods</b>
BAAQMD 6-301	Ringelmann No. 1 Limitation	Manual of Procedures, Volume I, Evaluation of Visible Emissions
BAAQMD 8-43-301	Surface Coating of Marine Vessels	Manual of Procedures, Volume III, Method 21 or 22, Nonmethane Organic Carbon Sampling
BAAQMD 8-50-301	Polyester Resin Operations	Manual of Procedures, Volume III, Method 23 and 31, Nonmethane Organic Carbon Sampling



## **IX. PERMIT SHIELD**

Not Applicable

## **X. REVISION HISTORY**

Final Major Facility Review Permit Issuance  
(Application 16485) June 1, 2000

Final Issuance of Major Facility Review Permit Renewal  
(Application 11369) September 13, 2005

## **XI. GLOSSARY**

### **ACT**

Federal Clean Air Act

### **APCO**

Air Pollution Control Officer

### **ARB**

Air Resources Board

### **BAAQMD**

Bay Area Air Quality Management District

### **BACT**

Best Available Control Technology

### **BARCT**

Best Available Retrofit Control Technology

### **Basis**

The underlying authority that allows the District to impose requirements.

### **CAA**

The federal Clean Air Act

### **CAAQS**

California Ambient Air Quality Standards

### **CAPCOA**

California Air Pollution Control Officers Association

### **CEM**

A "continuous emission monitor" is a monitoring device that provides a continuous direct measurement of some pollutant (e.g. NOx concentration) in an exhaust stream.

**CEQA**

California Environmental Quality Act

**CFR**

The Code of Federal Regulations. 40 CFR contains the implementing regulations for federal environmental statutes such as the Clean Air Act. Parts 50-99 of 40 CFR contain the requirements for air pollution programs.

**CO**

Carbon Monoxide

**Cumulative Increase**

The sum of permitted emissions from each new or modified source since a specified date pursuant to BAAQMD Rule 2-1-403, Permit Conditions (as amended by the District Board on 7/17/91) and SIP Rule 2-1-403, Permit Conditions (as approved by EPA on 6/23/95). Used to determine whether threshold-based requirements are triggered.

**District**

The Bay Area Air Quality Management District

**DWT**

Dead Weight Ton

**dscf**

Dry Standard Cubic Feet

**E 6, E 9, E 12**

Very large or very small number values are commonly expressed in a form called scientific notation, which consists of a decimal part multiplied by 10 raised to some power. For example, 4.53 E 6 equals  $(4.53) \times (10^6) = (4.53) \times (10 \times 10 \times 10 \times 10 \times 10 \times 10) = 4,530,000$ . Scientific notation is used to express large or small numbers without writing out long strings of zeros.

**EPA**

The federal Environmental Protection Agency.

**Excluded**

Not subject to any District Regulations.

**Federally Enforceable, FE**

All limitations and conditions which are enforceable by the Administrator of the EPA including those requirements developed pursuant to 40 CFR Part 51, subpart I (NSR), Part 52.21 (PSD), Part 60, (NSPS), Part 61, (NESHAPs), Part 63 (HAP), and Part 72 (Permits Regulation, Acid Rain), and also including limitations and conditions contained in operating permits issued under an EPA-approved program that has been incorporated into the SIP.

**FP**

Filterable Particulate as measured by BAAQMD Method ST-15, Particulate.

**FR**

Federal Register

**GLM**

Ground Level Monitor

**grain**

1/7000 of a pound

**HAP**

Hazardous Air Pollutant. Any pollutant listed pursuant to Section 112(b) of the Act. Also refers to the program mandated by Title I, Section 112, of the Act and implemented by both 40 CFR Part 63, and District Regulation 2, Rule 5.

**Major Facility**

A facility with potential emissions of regulated air pollutants greater than or equal to 100 tons per year, greater than or equal to 10 tons per year of any single hazardous air pollutant, and/or greater than or equal to 25 tons per year of any combination of hazardous air pollutants, or such lesser quantity as determined by the EPA administrator.

**MFR**

Major Facility Review. The District's term for the federal operating permit program mandated by Title V of the Act and implemented by District Regulation 2, Rule 6.

**MOP**

The District's Manual of Procedures.

**MSDS**

Material Safety Data Sheet

**NA**

Not Applicable

**NAAQS**

National Ambient Air Quality Standards

**NESHAPs**

National Emission Standards for Hazardous Air Pollutants. Contained in 40 CFR Part 61 or 63.

**NMHC**

Non-methane Hydrocarbons

**NMOC**

Non-methane Organic Compounds (Same as NMHC)

**NOx**

Oxides of nitrogen.

**NSPS**

Standards of Performance for New Stationary Sources. Federal standards for emissions from new stationary sources. Mandated by Title I, Section 111 of the Act, and implemented by both 40 CFR Part 60 and District Regulation 10.

**NSR**

New Source Review. A federal program for pre-construction review and permitting of new and modified sources of air pollutants for which the District is classified "non-attainment". Mandated by Title I of the Clean Air Act and implemented by 40 CFR Parts 51 and 52 as well as District Regulation 2, Rule 2. (Note: There are additional NSR requirements mandated by the California Clean Air Act.)

**O2**

The chemical name for naturally-occurring oxygen gas.

**Offset Requirement**

A New Source Review requirement to provide federally enforceable emission offsets at a specified ratio for the emissions from a new or modified source and any pre-existing cumulative increase minus any onsite contemporaneous emission reduction credits. Applies to emissions of POC, NOx, PM10, and SO2.

**Phase II Acid Rain Facility**

A facility that generates electricity for sale through fossil-fuel combustion and by virtue of certain other characteristics (defined in Regulation 2, Rule 6) is subject to Titles IV and V of the Clean Air Act.

**POC**

Precursor Organic Compounds

**PM**

Total Particulate Matter

**PM10**

Particulate matter with aerodynamic equivalent diameter of less than or equal to 10 microns

**PSD**

Prevention of Significant Deterioration. A federal program for permitting new and modified sources of air pollutants for which the District is classified "attainment" of the National Air Ambient Quality Standards. Mandated by Title I of the Act and implemented by both 40 CFR Part 52 and District Regulation 2, Rule 2.

**SIP**

State Implementation Plan. State and District programs and regulations approved by EPA and developed in order to attain the National Air Ambient Quality Standards. Mandated by Title I of the Act.

**SO<sub>2</sub>**

Sulfur dioxide

**THC**

Total Hydrocarbons (NMHC + Methane)

**therm**

100,000 British Thermal Unit

**Title V**

Title V of the federal Clean Air Act. Requires a federally enforceable operating permit program for major and certain other facilities.

**TOC**

Total Organic Compounds (NMOC + Methane, Same as THC)

**TSP**

Total Suspended Particulate

**TVP**

True Vapor Pressure

**VOC**

Volatile Organic Compounds

**Units of Measure:**

bhp	=	brake-horsepower
btu	=	British Thermal Unit
C	=	degrees Celcius
F	=	degrees Fahrenheit
f <sup>3</sup>	=	cubic feet
g	=	grams
gr	=	grains
gal	=	gallon
gpm	=	gallons per minute
hp	=	horsepower

hr	=	hour
lb	=	pound
in	=	inches
M	=	thousand
max	=	maximum
m <sup>2</sup>	=	square meter
Mg	=	mega-gram, one thousand grams
µg	=	micro-gram, one millionth of a gram
min	=	minute
MM	=	million
mm	=	millimeter
MMbtu	=	million btu
mm Hg	=	millimeters of Mercury (pressure)
ppmv	=	parts per million, by volume
ppmw	=	parts per million, by weight
psia	=	pounds per square inch, absolute
psig	=	pounds per square inch, gauge
scfm	=	standard cubic feet per minute
yr	=	year

**Symbols:**

<	=	less than
>	=	greater than
≤	=	less than or equal to
≥	=	greater than or equal to