

Bay Area Air Quality Management District

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

Proposed

MAJOR FACILITY REVIEW PERMIT

Issued To:
Acme Fiberglass, Inc.
Facility #A0575

Facility Address:
29240 Pacific Street
Hayward, CA 94544

Mailing Address:
29240 Pacific Street
Hayward, CA 94544

Responsible Official	Facility Contact
Benjamin Zamora <u>William Gonsalves</u> , Manager <u>CEO</u> Manager <u>CEO</u>	Benjamin Zamora <u>William Gonsalves</u> , Manager <u>CEO</u>
(510) 538-3440	(510) 538-3440

Type of Facility:	Fiberglass/Resin Operation	BAAQMD Permit Division Contact:
Primary SIC:	3088	Dharam Singh
Product:	Fiberglass Products	

ISSUED BY THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT

William C. Norton, Executive Officer/Air Pollution Control Officer

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 ~~5/2/015/17/00~~);

SIP Regulation 1 - General Provisions and Definitions
(as approved by EPA through 8/27/99);

BAAQMD Regulation 2, Rule 1 - Permits, General Requirements
(as amended by the District Board on ~~8/1/015/17/00~~);

SIP Regulation 2, Rule 1 - Permits, General Requirements
(as approved by EPA through 2/25/99);

BAAQMD Regulation 2, Rule 2 - Permits, New Source Review
(as amended by the District Board on 5/17/00);

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

(as approved by EPA through 2/25/99);

BAAQMD Regulation 2, Rule 4 - Permits, Emissions Banking
(as amended by the District Board on 5/17/00);

SIP Regulation 2, Rule 4 - Permits, Emissions Banking
(as approved by EPA through 2/25/99).

BAAQMD Regulation 2, Rule 6 - Permits, Major Facility Review
(as amended by the District Board on ~~4/16/035/1/0110/20/99~~).

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

1. This Major Facility Review Permit was issued on [] and expires on []. The permit holder shall submit a complete application for renewal of this Major Facility Review Permit no later than [] and no earlier than []. **If a complete application for renewal has not been submitted in accordance with this deadline, the facility may not operate after [].** (Regulation 2-6-307, 404.2, & 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 reissuance, 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)
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)

I. Standard Conditions (continued)

5. The filing of a request by the facility for a permit modification, revocation and reissuance, 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. (MOP Volume II, Part 3, §4.11)

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 which is subject to this permit to the APCO and/or to his or her designee. (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

I. Standard Conditions (continued)

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, Regulation 3; MOP Volume II, Part 3, §4.7)

F. Monitoring Reports

Reports of all required monitoring must be submitted to the District at least once every six months, except where an applicable requirement specifies more frequent reporting. Reports shall be submitted for the following periods: July 1st through December 31st and January 1st through June 30th of each year, 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 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, Regulation 3; 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 July 1st to June 30th. The certification shall be submitted by July 31st 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, 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
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

I. Standard Conditions (continued)

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 ~~caused by conditions beyond the permit holder's reasonable control~~ 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. ~~Any variance granted by the Hearing Board from any term or condition of this permit that lasts longer than 90 days will be subject to EPA approval.~~ (MOP Volume II, Part 3, §4.8)
3. ~~Notwithstanding the foregoing,~~ 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 LIST

A. Permitted Source List

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.

Table II-A

S-#	Description	Make or Type	Model	Capacity
S-1	Polyester Resin Spray Operation <u>1</u>	Magnum VPR 1000 Viper Gun	#FIT-C-WM-MS6-35	N/A
S-2	Polyester Resin Spray Operation – 2	Magnum VPR 1000 Viper Gun	#FIT-C-WM-MS6-35	N/A
S-3	Spray Booth	Binks, air-assisted airless	#755	N/A
S-4	Bulk Storage for Polyester Styrene	Fixed Roof Tank	unknown	6000 gallons

B. Abatement Device List

Table II-B

A-#	Description	Source(s) Controlled	Applicable Requirement	Operating Parameters	Required Efficiency
	None				

III. GENERAL 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 ~~will~~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 included in Appendix A of this permit.

~~The full language of SIP requirements is included in Appendix A of this permit if the SIP requirement is different from the current BAAQMD requirement.~~

NOTE:

There are differences between the current BAAQMD rules and the version of the rules in the SIP. ~~For specific information, contact the District's Rule Development Section.~~ 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**

Applicable Requirement	Regulation Title or Description of Requirement	FE (Y/N)
BAAQMD Regulation 1	General Provisions and Definitions (5/2/01 5/17/00)	N
SIP Regulation 1	General Provisions and Definitions (6/28/99 2/25/99)	Y
<u>BAAQMD Regulation 2, Rule 1</u>	<u>General Requirements (8/1/01)</u>	<u>N</u>
<u>BAAQMD 2-1-429</u>	<u>Federal Emissions Statement (6/7/95)</u>	<u>Y</u>
<u>SIP Regulation 2, Rule 1</u>	<u>General Requirements (1/26/99)</u>	<u>Y</u>

III. General Applicable Requirements (continued)

**Table III
 Generally Applicable Requirements**

Applicable Requirement	Regulation Title or Description of Requirement	FE (Y/N)
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+1/2/94)	N
<u>SIP Regulation 5</u>	<u>Open Burning (9/4/98)</u>	<u>Y</u>
BAAQMD Regulation 6	Particulate Matter and Visible Emissions (12/19/90)	N
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 3	Organic Compounds - Architectural Coatings (11/21/01+2/20/95)	N
SIP Regulation 8, Rule 3	Organic Compounds - Architectural Coatings (2/18/98+1/16/83)	Y
BAAQMD Regulation 8, Rule 16	Organic Compounds - Solvent Cleaning Operations (10/16/02+6/15/94)	Y N
<u>BAAQMD Regulation 8, Rule 16</u>	<u>Organic Compounds - Solvent Cleaning Operations (12/9/94)</u>	<u>Y</u>
<u>BAAQMD Regulation 8, Rule 47</u>	<u>Organic Compounds - Air Stripping and Soil Vapor Extraction Operations (6/15/94)</u>	<u>Y</u>
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+2/20/95)	N
<u>SIP Regulation 8, Rule 51</u>	<u>Organic Compounds - Adhesive and Sealant Products (2/26/02)</u>	<u>Y</u>
BAAQMD Regulation 11, Rule 2	Hazardous Pollutants - Asbestos Demolition, Renovation and Manufacturing (10/7/98+2/4/94)	Y
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
<u>California Health and Safety Code Section 44300 et seq.</u>	<u>Air Toxics "Hot Spots" Information and Assessment Act of 1987</u>	<u>N</u>
<u>40 CFR Part 61, Subpart M</u>	<u>National Emission Standards for Hazardous Air Pollutants – National Emission Standard for Asbestos (6/19/95)</u>	<u>Y</u>

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 included in Appendix A of this permit. The full language of SIP requirements is included in Appendix A of this permit if the SIP requirements are different from the current BAAQMD requirements. All other text may be found in the regulations themselves.

Table IV-A
S-1, Polyester Resin Spray Operation – 1
S-2, Polyester Resin Spray Operation – 2
S-3, Spray Booth

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 50	Organic Compounds - Polyester Resin Operations (11/6/96)		
8-50-110	Limited Exemption, Touch-up and Repair	Y	
8-50-220	Volatile Organic Compound (VOC)	N	
8-50-301	Process Requirements	Y	
8-50-302	Spraying Operations	Y	
8-50-302.1	Airless Spray	Y	
8-50-302.2	Air-Assisted Airless Spray	Y	
8-50-302.3	Electrostatic Spray	Y	
8-50-302.4	HVLP	Y	
8-50-304	Corrosion-resistant Materials	Y	

IV. Source-Specific Applicable Requirements (continued)

Table IV-A
S-1, Polyester Resin Spray Operation – 1
S-2, Polyester Resin Spray Operation – 2
S-3, Spray Booth

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-50-305	Surface Preparation and Clean-up Solvent	Y	
8-50-305.1	Storage in Closed Containers	Y	
8-50-305.2	Self-closing Containers, Disposal	Y	
8-50-305.3	Minimizing Organic Emissions from Spray Equipment Clean-up	Y	
8-50-305.4	Clean-up Solvent, VOC ≤ 200g/liter	Y	
8-50-307	Gel Coat Requirement	Y	
8-50-501	Records	Y	
8-50-501.1	List of Materials Used	Y	
8-50-501.2	List VOC Content of Materials Used	Y	
8-50-501.3	Vapor-suppressed Resin Records	Y	
8-50-501.4	Daily Usage Records	Y	
8-50-501.5	Record Retention for 24 months	Y	
<u>SIP</u> <u>8-50</u>	<u>Organic Compounds - Polyester Resin Operations (12/20/95)</u>		
<u>8-50-220</u>	<u>Volatile Organic Compound (VOC)</u>	<u>Y</u>	
<u>NESHAP</u> <u>Part 63</u> <u>Subpart A</u>	<u>National Emission Standards for Hazardous Air Pollutants for Source Categories</u>		
<u>63.4</u>	<u>Prohibited Activities and Circumvention</u>	<u>Y</u>	
<u>63.6(e)</u>	<u>Operation and Maintenance</u>	<u>Y</u>	
<u>63.7</u>	<u>Performance Testing Requirements</u>	<u>Y</u>	
<u>63.8</u>	<u>Monitoring Requirements</u>	<u>Y</u>	
<u>63.9</u>	<u>Notification Requirements</u>	<u>Y</u>	
<u>63.10</u>	<u>Recordkeeping and Reporting Requirements</u>	<u>Y</u>	
<u>63.10(a)</u>	<u>Applicability of recordkeeping and reporting</u>	<u>Y</u>	
<u>63.10(b)(1)</u>	<u>Records Retention</u>	<u>Y</u>	
<u>40 CFR 63</u> <u>Subpart</u> <u>WWW</u>	<u>National Emission Standards for Hazardous Air Pollutants: Reinforced Plastic Composite Production</u>	<u>Y</u>	<u>April 21, 2006</u>

IV. Source-Specific Applicable Requirements (continued)

Table IV-A
S-1, Polyester Resin Spray Operation – 1
S-2, Polyester Resin Spray Operation – 2
S-3, Spray Booth

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
63.5805	What standards must I meet to comply with this subpart?	Y	April 21, 2006
63.5805(a)	Existing facility that is not a small business and that emits less than 100 TPY of HAP – Table 3 & Table 4.	Y	April 21, 2006
63.5810	What are my options for meeting the standards for new and existing open molding and centrifugal casting operations?	Y	April 21, 2006
63.5810(d)	Resins and gel coats HAP content – Table 3	Y	April 21, 2006
63.5835	What are my general requirements for complying with this subpart?	Y	April 21, 2006
63.5835(a)	Work practice standards in Table 4, as well as emission limits of Table 3 or 5 (without the use of add-on control equipment)	Y	April 21, 2006
63.5835(c)	Operate and maintain affected source according to provisions of 63.6(e)(1)(i)	Y	April 21, 2006
63.5840	By what date must I conduct a performance test or other initial compliance demonstration?	Y	April 21, 2006
63.5860	How do I demonstrate initial compliance with the standards?	Y	April 21, 2006
63.5860(a)	Table 8 and 9	Y	April 21, 2006
63.5895	How do I monitor and collect data to demonstrate continuous compliance?	Y	April 21, 2006
63.5895(b)	Monitor and collect data	Y	April 21, 2006
63.5895 (c)	Collect and keep records of resin and gel coat use, organic HAP content, etc.	Y	April 21, 2006
63.5895(d)	Initial demonstration of organic HAP emission limit or content limit	Y	April 21, 2006
63.5900	How do I demonstrate continuous compliance with the standards?	Y	April 21, 2006
63.5900(a)	Demonstrating compliance	Y	April 21, 2006
63.5900(a)(2)	Compliance with emission limits using point value system	Y	April 21, 2006
63.5900(a)(3)	Compliance with content limits using average value method or individual value method.	Y	April 21, 2006
63.5900(a)(4)	Compliance with work practice requirements – Table 4	Y	April 21, 2006
63.5900(b)	Reporting deviations from standards	Y	April 21, 2006
63.5905	What notifications must I submit and when?	Y	April 21, 2006
63.5910	What reports must I submit and when?	Y	April 21, 2006

IV. Source-Specific Applicable Requirements (continued)

Table IV-A
S-1, Polyester Resin Spray Operation – 1
S-2, Polyester Resin Spray Operation – 2
S-3, Spray Booth

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date	
63.5915(a)(c)(d)	What records must I keep?	Y	April 21, 2006	
63.5920	In what form and how long must I keep my records?	Y	April 21, 2006	
63.5925	What parts of the General Provisions apply to me?	Y	April 21, 2006	
BAAQMD Condition #14842				
part 1	Record Retention (basis: BAAQMD Regulation 2-6-501)	Y		
part 1a	Product Data Sheets (basis: BAAQMD Regulation 2-1-403)	Y		
part 1b	Daily Usage Log (basis: BAAQMD Regulation 8-50-501.4a and 501.4b)	Y		
part 1c	Material Property Reference List (basis: Regulation 8-50-501.1, 501.2, 501.3)	Y		
part 1d	Monthly usage summaries (basis: BAAQMD Regulation 2-1-403)	Y		

IV. Source-Specific Applicable Requirements (continued)

**Table IV-B
 S-4, Bulk Storage for Polyester Styrene**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 5	Organic Compounds - Storage of Organic Liquids (1/20/93)		
8-5-117	Limited Exemption, Low Vapor Pressure	Y	
BAAQMD Regulation 8, Rule 50	Organic Compounds - Polyester Resin Operations (11/6/96)		
8-50-305	Surface Preparation and Clean-up Solvent	Y	
8-50-305.1	Storage in Closed Containers	Y	
<u>NESHAP Part 63 Subpart A</u>	<u>National Emission Standards for Hazardous Air Pollutants for Source Categories</u>		
<u>63.4</u>	<u>Prohibited Activities and Circumvention</u>	<u>Y</u>	
<u>63.6(e)</u>	<u>Operation and Maintenance</u>	<u>Y</u>	
<u>63.7</u>	<u>Performance Testing Requirements</u>	<u>Y</u>	
<u>63.8</u>	<u>Monitoring Requirements</u>	<u>Y</u>	
<u>63.9</u>	<u>Notification Requirements</u>	<u>Y</u>	
<u>63.10</u>	<u>Recordkeeping and Reporting Requirements</u>	<u>Y</u>	
<u>63.10(a)</u>	<u>Applicability of recordkeeping and reporting</u>	<u>Y</u>	
<u>63.10(b)(1)</u>	<u>Records Retention</u>	<u>Y</u>	
<u>40 CFR 63 Subpart WWW</u>	<u>National Emission Standards for Hazardous Air Pollutants: Reinforced Plastic Composite Production</u>	<u>Y</u>	<u>April 21, 2006</u>
<u>63.5805</u>	<u>What standards must I meet to comply with this subpart?</u>	<u>Y</u>	<u>April 21, 2006</u>
<u>63.5805(a)</u>	<u>Existing facility that is not a small business and that emits less than 100 TPY of HAP – Table 3 & Table 4.</u>	<u>Y</u>	<u>April 21, 2006</u>
<u>63.5810</u>	<u>What are my options for meeting the standards for new and existing open molding and centrifugal casting operations?</u>	<u>Y</u>	<u>April 21, 2006</u>
<u>63.5810(d)</u>	<u>Resins and gel coats HAP content – Table 3</u>	<u>Y</u>	<u>April 21, 2006</u>
<u>63.5835</u>	<u>What are my general requirements for complying with this subpart?</u>	<u>Y</u>	<u>April 21, 2006</u>
<u>63.5835(a)</u>	<u>Work practice standards in Table 4, as well as emission limits of</u>	<u>Y</u>	<u>April 21, 2006</u>

IV. Source-Specific Applicable Requirements (continued)

Table IV-B
S-4, Bulk Storage for Polyester Styrene

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
	<u>Table 3 or 5 (without the use of add-on control equipment)</u>		
<u>63.5835(c)</u>	<u>Operate and maintain affected source according to provisions of 63.6(e)(1)(i)</u>	<u>Y</u>	<u>April 21, 2006</u>
<u>63.5840</u>	<u>By what date must I conduct a performance test or other initial compliance demonstration?</u>	<u>Y</u>	<u>April 21, 2006</u>
<u>63.5860</u>	<u>How do I demonstrate initial compliance with the standards?</u>	<u>Y</u>	<u>April 21, 2006</u>
<u>63.5860(a)</u>	<u>Table 8 and 9</u>	<u>Y</u>	<u>April 21, 2006</u>
<u>63.5895</u>	<u>How do I monitor and collect data to demonstrate continuous compliance?</u>	<u>Y</u>	<u>April 21, 2006</u>
<u>63.5895(b)</u>	<u>Monitor and collect data</u>	<u>Y</u>	<u>April 21, 2006</u>
<u>63.5895 (c)</u>	<u>Collect and keep records of resin and gel coat use, organic HAP content, etc.</u>	<u>Y</u>	<u>April 21, 2006</u>
<u>63.5895(d)</u>	<u>Initial demonstration of organic HAP emission limit or content limit</u>	<u>Y</u>	<u>April 21, 2006</u>
<u>63.5900</u>	<u>How do I demonstrate continuous compliance with the standards?</u>	<u>Y</u>	<u>April 21, 2006</u>
<u>63.5900(a)</u>	<u>Demonstrating compliance</u>	<u>Y</u>	<u>April 21, 2006</u>
<u>63.5900(a)(2)</u>	<u>Compliance with emission limits using point value system</u>	<u>Y</u>	<u>April 21, 2006</u>
<u>63.5900(a)(3)</u>	<u>Compliance with content limits using average value method or individual value method.</u>	<u>Y</u>	<u>April 21, 2006</u>
<u>63.5900(a)(4)</u>	<u>Compliance with work practice requirements – Table 4</u>	<u>Y</u>	<u>April 21, 2006</u>
<u>63.5900(b)</u>	<u>Reporting deviations from standards</u>	<u>Y</u>	<u>April 21, 2006</u>
<u>63.5905</u>	<u>What notifications must I submit and when?</u>	<u>Y</u>	<u>April 21, 2006</u>
<u>63.5910</u>	<u>What reports must I submit and when?</u>	<u>Y</u>	<u>April 21, 2006</u>
<u>63.5915(a)(c)</u> <u>(d)</u>	<u>What records must I keep?</u>	<u>Y</u>	<u>April 21, 2006</u>
<u>63.5920</u>	<u>In what form and how long must I keep my records?</u>	<u>Y</u>	<u>April 21, 2006</u>
<u>63.5925</u>	<u>What parts of the General Provisions apply to me?</u>	<u>Y</u>	<u>April 21, 2006</u>
BAAQMD Condition #12452			
part 1	True Vapor Pressure Limit (basis: BAAQMD Regulation 8-5-117, SIP Regulation 8-5-101)	Y	
part 2	Annual Resin Throughput Limit (basis: cumulative increase)	Y	

IV. Source-Specific Applicable Requirements (continued)

**Table IV-B
 S-4, Bulk Storage for Polyester Styrene**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
part 3	Record Retention Requirement	Y	
part 3a	Material Data (basis: BAAQMD Regulation 8-5-117, SIP Regulation 8-5-101)	Y	
part 3b	Daily Throughput and Monthly Summaries (basis: cumulative increase)	Y	

V. SCHEDULE OF COMPLIANCE

The permit holder shall ~~continue to~~ 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.

~~A. Source Specific Permit Conditions~~

Condition #12452

For S-4 Polyester Resin Storage Tank; white, 6000 gallon

1. Only material with a true vapor pressure not exceeding 0.5 psia shall be stored in tank S-4. (basis: BAAQMD Regulation 8-5-117, SIP Regulation 8-5-101, cumulative increase)
2. The polyester resin throughput at S-4 shall not exceed 200,000 gallons during any consecutive 12-month period. (basis: cumulative increase)
3. In order to demonstrate compliance with the above conditions, the owner/operator of S-4 shall maintain the following records in a District-approved log. These records may be in the form of computer generated data. These records shall be kept on site and made available for District inspection for a period of 5 years from the date that the record was made. (basis: BAAQMD Regulation 2-6-501, MOP Volume II, Part 3, §4.7)
 - a. The type and true vapor pressure of all materials stored and the dates that the materials were stored. (basis: BAAQMD Regulation 8-5-117, SIP Regulation 8-5-101)
 - b. The total daily throughput of each material stored, summarized on a monthly basis. (basis: cumulative increase)

VI. Permit Conditions (continued)

~~A.~~ **Source-Specific Permit Conditions (continued)**

Condition #14842

For Sources S-1, S-2, S-3
Plant #575

1. Pursuant to District regulations, the owner/operator of sources S-1, S-2, and S-3 shall maintain the following records for a period of 5 years from the date of origin. (The date of origin for material purchase records is the shipment receipt date. The date of origin for material content and usage records is the date of use.) [Basis: BAAQMD Regulation 2-6-501]
 - a. Maintain a product data sheet or other data which certifies compliance with the appropriate standard in Regulation 8, Rule 50 for all materials used (monomer content by weight percent, weight loss in units of g/m², or content in grams VOC/liter, as applicable). [Basis: BAAQMD Regulation 2-1-403]
 - b. Maintain a daily log including the following information for all materials used:
 1. Date of use
 2. Material name or identification
 3. Quantity used (pounds)
 4. Identification of touch-up or repair materials. One entry shall be made for each material, unless a material is used for both general application and touch-up or repair, the general usage shall be entered on one line and the touch-up/repair shall be entered on a separate line. [Basis: BAAQMD Regulation 8-50-501.4a and 4b]
 - c. Maintain a material reference list including the following information for each resin, gel coat, catalyst and clean-up solvent:
 1. Date last used
 2. Material name and/or identification
 3. VOC Content in grams per liter (gel coats, catalyst and clean-up solvents only)
 4. Monomer content (resins only)
 5. Gel Time and weight loss (grams per square meter) during resin polymerization (vapor-suppressed resins only)

VI. Permit Conditions (continued)

~~A.—Source-Specific Permit Conditions (continued)~~

~~Condition #14842 (continued)~~

6. Identification of corrosion resistant resins pursuant to Regulation 8-50-205. The list(s) shall be kept current on a monthly basis. Any material not used in the previous 5 years may be removed from the list. [Basis: BAAQMD Regulation 8-50- 501.1, 501.2, 501.3]
- d. Maintain monthly usage summaries for each material. Materials used for touch-up or repair should be indicated separately. [Basis: BAAQMD Regulation 2-1-403]

~~B.Facility-wide Permit Conditions~~

~~None.~~

VII. APPLICABLE EMISSION 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 column indicates whether periodic (P) or continuous (C) monitoring is required. For periodic monitoring, the frequency of the monitoring has also been shown, either using the following codes: annual (A), quarterly (Q), monthly (M), 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.

Table VII-A
S-1, POLYESTER RESIN SPRAY OPERATION – 1
S-2, POLYESTER RESIN SPRAY OPERATION – 2
S-3, SPRAY BOOTH

Pollutant Type of Limit	Emission Limit Citation of Limit	FE Y/N	Future Effective Date	Emission-Limit	Monitoring Requirement Citation	Monitoring Frequency	Monitoring Type
VOC	BAAQMD Regulation 8-50-301.1	Y		monomer content of resin ≤ 35% by weight	Regulation 8-50-501.2 and Cond #14842	P/E	records
	BAAQMD Regulation 8-50-301.2	Y		weight loss/emissions from vapor suppressed resin ≤ 60 g/m ² surface area	Regulation 8-50-501.3 and Cond #14842	P/E	records
	BAAQMD Regulation 8-50-304	Y		monomer content of corrosion resistant materials ≤ 50% by weight	Regulation 8-50-501.2 and Cond #14842	P/E	records
	BAAQMD Regulation 8-50-305.4	Y		content of cleaning material ≤ 200 g/liter	Regulation 8-50-501.2 and Cond #14842	P/E	records
	BAAQMD Regulation 8-50-307	Y		content of gel coat, as applied ≤ 250 g/liter	Regulation 8-50-501.2 and Cond #14842	P/E	records

VII. Applicable Emission Limits & Compliance Monitoring Requirements
 (continued)

Table VII-A
S-1, POLYESTER RESIN SPRAY OPERATION – 1
S-2, POLYESTER RESIN SPRAY OPERATION – 2
S-3, SPRAY BOOTH

Pollutant Type of Limit	Emission Limit Citation of Limit	FE Y/N	Future Effective Date	Emission-Limit	Monitoring Requirement Citation	Monitoring Frequency	Monitoring Type
VOC	63.5805(a)	Y	April 21, 2006	Mechanical resin application < 112 lb/ton	63.5810	P/M	Records

Table VII-B
S-4, BULK STORAGE FOR POLYESTER STYRENE

Pollutant Type of Limit	Emission Limit Citation of Limit	FE Y/N	Future Effective Date	Emission-Limit	Monitoring Requirement Citation	Monitoring Frequency	Monitoring Type
VOC	Condition # 12452, part 1; Regulation 8-5-117	Y		true vapor pressure of material stored ≤ 0.5 psia	Condition # 12452, part 3a	P/E	records
	Condition # 12452, part 2	YN		throughput ≤ 200,000 gal/yr	Condition # 12452, part 3b	P/D	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 referenced in Section VII, Applicable Emission Limits & Compliance Monitoring Requirements, of this permit.

Table VIII

Applicable Requirement	Description of Requirement	Acceptable Test Methods
BAAQMD Regulation 8-5-117	Exemption, Low Vapor Pressure	Manual of Procedures, Volume III, Method 28, Determination of Vapor Pressure of Organic Liquids from Storage Tanks
BAAQMD Regulation 8-50-301.1	Process Requirements, Monomer Content	Manual of Procedures, Volume III, Method 39, Determination of Styrene Monomer Content of Polyester Resin Material
BAAQMD Regulation 8-50-301.2	Process Requirements, Vapor Suppressed Resins	Manual of Procedures, Volume III, Method 23, Determination of Volatile Emissions from Polyester Resins
BAAQMD Regulation 8-50-304	Corrosion-resistant Materials	Manual of Procedures, Volume III, Method 23, Determination of Volatile Emissions from Polyester Resins
BAAQMD Regulation 8-50-305.4	Surface Preparation and Clean-up Solvent, VOC Content	Manual of Procedures, Volume III, Method 31, Determination of Volatile Organic Compounds in Paint Strippers, Solvent Cleaners, and Low Solids Coatings
BAAQMD Regulation 8-50-307	Gel Coat Requirement	Manual of Procedures, Volume III, Method 26, Determination of Volatile Weight Loss of Gel Coats
40 CFR Part 63, Subpart WWW,	Determining Vapor Suppressant Effectiveness	Appendix A

IX. GLOSSARY

ACT

Federal Clean Air Act

BAAQMD

Bay Area Air Quality Management District

BACT

Best Available Control Technology

Basis

The underlying authority which allows the District to impose requirements.

CAA

The federal Clean Air Act

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.

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

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 60₅ (NSPS), Part 61₅ (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.

HAP

IX. Glossary (continued)

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.

NESHAP

National Emission Standard for Hazardous Air Pollutants. Contained in 40 CFR Part 61.

NMHC

Non-methane Hydrocarbons

NSR

New Source Review. A federal program for preconstruction 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.)

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 on site contemporaneous emission reduction credits. Applies to emissions of POC, NO_x, PM₁₀, and SO₂.

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

IX. Glossary (continued)

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.

Title V

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

TRMP

Toxic Risk Management Plan

VOC

Volatile Organic Compounds

Units of Measure:

g	=	grams
gal	=	gallon
hr	=	hour
lb	=	pound
in	=	inches
max	=	maximum
m ²	=	square meter
min	=	minute
psia	=	pounds per square inch, absolute
scfm	=	standard cubic feet per minute
yr	=	year

X. APPENDIX A - APPLICABLE STATE IMPLEMENTATION PLAN

The Bay Area Air Quality Management District's portion of the State Implementation Plan can be found at EPA Region 9's website. The address is:

<http://yosemite1.epa.gov/r9/r9sips.nsf/California?ReadForm&Start=1&Count=30&Expand=3.1>

See Attachments