

MOJAVE DESERT
AIR QUALITY MANAGEMENT DISTRICT

Federal Operating Permit Number: 42701095

For: Molded Fiber Glass Companies

Facility: Molded Fiber Glass Companies West

Facility Location: 9400 Holly Road, Adelanto, California 92301

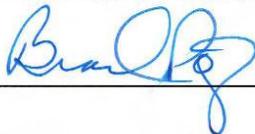
Issued Pursuant to MDAQMD Regulation XII

Effective Date: September 27, 2016

This Federal Operating Permit Expires:

September 27, 2021

Issued By: Brad Poiriez
Executive Director/
Air Pollution Control Officer



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PART I
INTRODUCTORY INFORMATION

A. Owner/operator Identifying Information:

<u>Owner/Company Name:</u>	Molded Fiber Glass Companies
<u>Owner Mailing Address:</u>	Molded Fiber Glass Companies West 9400 Holly Road Adelanto, California 92301
<u>Owner/operator Name:</u>	Molded Fiber Glass Companies West
<u>Owner/operator Location:</u>	9400 Holly Road Adelanto, California 92301
<u>MDAQMD Federal Operating Permit Number:</u>	42701095
<u>MDAQMD Company Number:</u>	0427
<u>MDAQMD Owner/operator Number:</u>	01095
<u>Responsible Official:</u>	Jose Cisneros
<u>Title:</u>	Plant Manager
<u>Phone Number:</u>	760-246-4042
<u>Facility "Site" Contacts:</u>	Jackie Thomas
<u>Title:</u>	HR/HSE Manager
<u>Phone Number:</u>	760-246-4042
<u>Nature of Business:</u>	Manufacturer of Molded Fiber Glass Products
<u>SIC Code:</u>	3089 – Molded Fiber Glass Operations
<u>Owner/operator Location:</u>	UTM (km) 2836 N / 459 E

B. DESCRIPTION OF OWNER/OPERATOR:

Federal Operating Permit 42701095 is held by MOLDED FIBER GLASS COMPANIES WEST, located at 9400 Holly Road, in Adelanto, California. MOLDED FIBER GLASS COMPANIES WEST is a Manufacturer of Molded Fiber Glass Products. Fiberglass also known as reinforced plastic composites consists of a mixture of fibrous reinforcement that provides strength and a plastic matrix that binds and protects the reinforcement. Composites are formed (laid up) in molds as laminates (layers of matrix and reinforcement) or cast in molds as homogeneous mixtures. Fiberglass is used as reinforcement material. A plastic matrix is formed from the curing (chemical reaction) of the liquid resin mixture, which contains a blend of resins (unconnected plastic subunits), monomers (connecting links between the subunits), and various agents that promote curing and affect the properties of the resin mix. Fillers may also be added to a resin mix to improve the fire rating or other physical characteristics. During the curing process, the resins polymerize (connect through monomer cross-linkage) to form a solid plastic. The facility manufactures a range of products using both open and closed molding processes.

C. EQUIPMENT DESCRIPTION:

MDAQMD Permit Number B002555	BOOTH # 1 GELCOAT and LAMINATING (LINE A) consisting of: Gelcoat and Laminating booth that is 60 feet long by 10 feet high and 16 ft deep; Low Pressure air assist airless spray gun; Laminating area (Spray-up), which consists of: Series of booth type exhaust plenums, and Disposable filters (180 each at 20 inches square by 2 inches thick), and 4-Dayton Brand No. 3C414 at 5 hp each and moving 18,750 ACFM (total 75,000 ACFM), and an Exhaust Chamber.
MDAQMD Permit Number B002557	BOOTH # 2 GELCOAT LAY-UP AREA and MOLDING ROOM (Line C) consisting of: MDAQMD Permit Number B002557, which consists of: Two spray guns; 3 Super Flow chopper systems; Four Dayton Exhaust Fans, model 3C414 @ 5 hp each; Two Exhaust Air Chambers 40 feet by 8 feet by 4 feet; and 80 Fiber Glass Filters each with dimensions of 24 inches by 20 inches by 2 inches thick.
MDAQMD Permit Number S008896	BOOTH # 3 GELCOAT AND LINE B

	LAMINATING BOOTH, which consists of a booth 40 feet long X 16 feet high X 16 feet deep, containing (144) disposable filters 20" X 20" X 2" each. (1) gelcoat spray gun, (2) non-atomizing resin application guns, three (3) exhaust stacks- 33 feet high, 3.5 feet in diameter, each with a flow rate of 21333 CFM, powered by (3) Dayton Brand 3C414, tube axle type exhaust fans, 6 bladed, 42" diameter, for a total flow rate of 64,000 CFM.
MDAQMD Permit Number S009003	BOOTH # 4 GELCOAT AND LINE D LAMINATING BOOTH, which consists of a booth 20 feet long X 16 feet high X 16 feet deep, containing (72) disposable filters 20" X 20" X 2" each. (1) gelcoat spray gun, (1) non-atomizing resin application guns, one (1) Dayton Model 3C414, tube axle, 10 hp, 6 blade, 42 inch diameter exhaust fan generating a flow rate of 32000 CFM.

Operations include open molding and closed molding processes. Closed molding processes include vacuum resin infusion molding, which includes a resin injection pump, a vacuum pump, and disposable nylon containing membrane. Open molding processes include the permitted booths, chopper guns, resin and gelcoat systems and associated equipment.

Equipment, which does not require District Permits due to Rule 219 consists of Bulk Resin Tanks; Wood Working Equipment and dust collector; Comfort air conditioning, space heating and ventilation systems; dust collector for plastic cut/sand surface grinding equipment; portable sanding and grinding equipment; forklift vehicles; LPG storage tank; and portable welding and cutting equipment.

PART II
FACILITYWIDE APPLICABLE REQUIREMENTS; EMISSIONS
LIMITATIONS; MONITORING, RECORDKEEPING,
REPORTING AND TESTING REQUIREMENTS; COMPLIANCE
CONDITIONS; COMPLIANCE PLANS

A. **REQUIREMENTS APPLICABLE TO ENTIRE FACILITY AND EQUIPMENT:**

1. A permit is required to operate this facility.
[Rule 203 - *Permit to Operate*]
2. The equipment at this facility shall not be operated contrary to the conditions specified in the District Permit to Operate.
[Rule 203 - *Permit to Operate*]
3. The Air Pollution Control Officer (APCO) may impose written conditions on any permit.
[Rule 204 - *Permit Conditions*]
4. Commencing work or operation under a permit shall be deemed acceptance of all the conditions so specified.
[Rule 204 - *Permit Conditions*]
5. Posting of the Permit to Operate is required on or near the equipment or as otherwise approved by the Air Pollution Control Officer (APCO) / District.
[Rule 206 - *Posting of Permit to Operate*]
6. Owner/Operator shall not willfully deface, alter, forge, or falsify any permit issued under District rules.
[Rule 207 - *Altering or Falsifying of Permit*]
7. Permits are not transferable.
[Rule 209 - *Transfer and Voiding of Permit*]
8. The Air Pollution Control Officer (APCO) may require the Owner/Operator to provide and maintain such facilities as are necessary for sampling and testing.
[Rule 217 - *Provision for Sampling And Testing Facilities*]
9. The equipment at this facility shall not require a District permit or be listed on the Title V

permit if such equipment is listed in Rule 219 and meets the applicable criteria contained in Rule 219 (B). However, any exempted insignificant activities/equipment are still subject to all applicable facility-wide requirements.

[Rule 219 - *Equipment Not Requiring a Written Permit*]

10. The Owner/Operator of this facility shall obtain a Federal Operating Permit for operation of this facility.
[Rule 221 - *Federal Operating Permit Requirement*]
11. Owner/Operator shall pay all applicable MDAQMD permit fees.
[Rule 301 - *Permit Fees*]
12. Owner/Operator shall pay all applicable MDAQMD Title V Permit fees.
[Rule 312 - *Fees for Federal Operating Permits*]
13. Stack and point source visible emissions from this facility, of any air contaminant (including smoke) into the atmosphere, shall not equal or exceed Ringelmann No. 1 for a period or periods aggregating more than three minutes in any one hour:
 - (a) While any unit is fired on Public Utilities Commission (PUC) grade natural gas, Periodic Monitoring for combustion equipment is not required to validate compliance with the Rule 401 Visible Emissions limit. However, the Owner/Operator shall comply with the recordkeeping requirements stipulated elsewhere in this permit regarding the logging of fuel type, amount, and suppliers' certification information.
 - (b) While any unit is fired on diesel fuel, Periodic Monitoring, in addition to required recordkeeping, is required to validate compliance with Rule 401 Visible Emissions limit as indicated below:
 - (i). Reciprocating engines equal or greater than 1000 horsepower, firing on only diesel with no restrictions on operation, a visible emissions inspection is required every three (3) months or during the next scheduled operating period if the unit ceases firing on diesel/distillate within the 3-month time frame.
 - (ii). Diesel Standby and emergency reciprocating engines using California low sulfur fuels require no additional monitoring for opacity.
 - (iii). Diesel/Distillate-Fueled Boilers firing on California low sulfur fuels require a visible emissions inspection after every 1 million gallons diesel combusted, to be counted cumulatively over a 5-year period.
 - (iv). On any of the above, if a visible emissions inspection documents opacity, an U.S. Environmental Protection Agency (EPA) Method 9 "Visible Emissions Evaluation" shall be completed within 3 working days, or during the next scheduled

operating period if the unit ceases firing on diesel/distillate within the 3 working day time frame.

[Rule 204 - *Permit Conditions*]

[Rule 401 - *Visible Emissions*]

14. Owner/Operator is limited to use of the following quality fuels for fuel types specified elsewhere in this permit: PUC quality natural gas fuel - sulfur compounds shall not exceed 800 parts per million (ppm) calculated as hydrogen sulfide at standard conditions; diesel fuel - sulfur content shall not exceed 0.5 percent by weight. Compliance with Rule 431 fuel sulfur limits is assumed for PUC quality natural gas fuel and CARB certified diesel fuel. Records shall be kept on-site and available for review by District, state, or federal personnel at any time. The sulfur content of non-CARB certified diesel fuel shall be determined by use of American Society for Testing and Materials (ASTM) method D 2622-82 or ASTM method D 2880-71, or equivalent.
[40 CFR 70.6 (a)(3)(i)(B) - *Periodic Monitoring Requirements*]
[Rule 431 - *Sulfur Content of Fuels*]
15. Emissions of fugitive dust from any transport, handling, construction, or storage activity at this facility shall not be visible in the atmosphere beyond the property line of the facility.
[Rule 403 - *Fugitive Dust*]
16. Owner/Operator shall comply with the applicable requirements of Rule 403.2 unless an "Alternative PM₁₀ Control Plan" (ACP) pursuant to Rule 403.2(G) has been approved.
[Rule 403.2 - *Fugitive Dust Control for the Mojave Desert Planning Area*]
17. Owner/Operator shall not discharge into the atmosphere from this facility, particulate matter (PM) except liquid sulfur compounds, in excess of the concentration at standard conditions, shown in Rule 404, Table 404 (a).
 - (a) Where the volume discharged is between figures listed in the table the exact concentration permitted to be discharged shall be determined by linear interpolation.
 - (b) This condition shall not apply to emissions resulting from the combustion of liquid or gaseous fuels in steam generators or gas turbines.
 - (c) For the purposes of this condition, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.[Rule 404 - *Particulate Matter Concentration*]
18. Owner/Operator shall not discharge into the atmosphere from this facility, solid PM including lead and lead compounds in excess of the rate shown in Rule 405, Table 405(a).
 - (a) Where the process weight per hour is between figures listed in the table, the exact

weight of permitted discharge shall be determined by linear interpolation.

- (b) For the purposes of this condition, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

[Rule 405 - *Solid Particulate Matter, Weight*]

19. Owner/Operator shall not discharge into the atmosphere from this facility, from any single source of emissions whatsoever, sulfur compounds, which would exist as a liquid or gas at standard conditions, calculated as sulfur dioxide (SO₂), greater than or equal to 500 ppm by volume.

[Rule 406 - *Specific Contaminants*]

20. Owner/Operator shall not discharge into the atmosphere from this facility, carbon monoxide (CO) exceeding 2000 ppm measured on a dry basis, averaged over a minimum of 15 consecutive minutes.

- (a) The provisions of this condition shall not apply to emissions from internal combustion engines.

[Rule 407 - *Liquid and Gaseous Air Contaminants*]

21. Owner/Operator shall not build, erect, install, or use any equipment at this facility, the use of which, without resulting in a reduction in the total release of air contaminants to the atmosphere, reduces or conceals an emission that would otherwise constitute a violation of Chapter 3 (commencing with Section 41700) of Part 4, of Division 26 of the Health and Safety Code or of District Rules.

- (a) This condition shall not apply to cases in which the only violation involved is of Section 41700 of the Health and Safety Code, or of District Rule 402.

[Rule 408 - *Circumvention*]

22. Owner/Operator shall not discharge into the atmosphere from this facility from the burning of fuel, combustion contaminants exceeding 0.23 gram per cubic meter (0.1 grain per cubic foot) of gas calculated to 12 percent of carbon dioxide (CO₂) at standard conditions averaged over a minimum of 25 consecutive minutes.

[Rule 409 - *Combustion Contaminants*]

Reference Section III A(1)

23. The Air Pollution Control Officer (APCO), at his/her discretion, may refrain from enforcement action against an Owner/Operator of any equipment that has violated a technology-based emission limitation, including but not limited to conditions contained in any permit issued by the District establishing such emission limitation, provided that a Breakdown has occurred and:

- (a) Any breakdown that results in emissions exceeding a technology-based emission limitation is reported to the District within one hour of such breakdown or within one hour of the time a person knew or reasonably should have known of the occurrence of such breakdown; and
- (b) An estimate of the repair time is provided to the District as soon as possible after the report of the breakdown; and
- (c) All reasonable steps are immediately taken to minimize the levels of emissions and to correct the condition leading to the excess emissions.
- (d) The equipment is operated only until the end of a cycle or twenty-four (24) hours, whichever is sooner, at which time it shall be shut down for repairs unless a petition for an emergency variance has been filed with the clerk of the Hearing Board in accordance with Regulation V.
- (e) If the breakdown occurs outside normal District working hours, the intent to file an emergency variance shall be transmitted to the District in a form and manner prescribed by the Air Pollution Control Officer (APCO).

[Rule 430 - *Breakdown Provisions*]

24. The provisions of Regulation IV except Rule 402 shall not apply to experimental research operations when the following requirements are met:
- (a) The purpose of the operation is to permit investigation, experiment, or research to advance the state of knowledge or the state of the art; and
 - (b) The Air Pollution Control Officer (APCO) has given written prior approval that shall include limitation of time.

[Rule 441 – *Research Operations*]

25. Owner/Operator of this facility shall not discharge into the atmosphere emissions in excess of the following from VOC containing materials or from organic solvents which are not VOCs unless such emissions have been reduced by at least 85%:
- (a) VOCs from all VOC containing materials, Emissions Units, equipment or processes subject to this rule, in excess of 540 kilograms (1,190 pounds) per month per Facility.
 - (b) a non-VOC organic solvent in excess of 272 kilograms (600 pounds) per day as calculated on a thirty (30) day rolling average.
 - (c) The provisions of this condition shall not apply to:
 - (1) The manufacture of organic solvents, or the transport or storage of organic solvents, or the transport or storage of materials containing organic solvents.
 - (2) The emissions of VOCs from VOC-containing materials or equipment which are subject to the rules of Regulation IV or which are exempt from

- air pollution control requirements by said rules.
- (3) The spraying or other employment of organic solvents as insecticides, pesticides or herbicides.
 - (4) The use of equipment or materials for which other requirements are specified in source specific rules of Regulation XI after the compliance dates specified in such source specific rules.
 - (5) The use of 1-1-1 Trichloroethane.
 - (6) Aerosol products.

[Rule 442 – *Usage of Solvents*]

26. Owner/Operator shall not set open outdoor fires unless in compliance with Rule 444. Outdoor fires burned according to an existing District permit are not considered “open outdoor fires” for the purposes of Rule 444 (reference Rule 444(B)(9)).

[Rule 444 – *Open Outdoor Fires*]

27. Owner/Operator of this facility shall comply with the Organic Solvent Degreasing Operations requirements of Rule 1104 when engaged in wipe cleaning, cold solvent cleaning, and/or vapor cleaning (degreasing) operations for metal/non-metal parts/products. These requirements are listed as follows:

- (a) All degreasers shall be equipped with a cover, which reduces solvent evaporation and minimizes disturbing the vapor zone.
- (b) A permanent, conspicuous label summarizing the applicable operating requirements contained in Rule 1104. In lieu of a label, operating instructions may be posted near the degreaser where the operators can access the proper operating requirements of this rule.
- (c) Cold Solvent Degreasers - Freeboard Requirements:
 - (i) Cold solvent degreasers using only low volatility solvents, which are not agitated, shall operate with a freeboard height of not less than 6 inches.
 - (ii) Cold solvent degreasers using only low volatility solvents may operate with a freeboard ratio equal to or greater than 0.50 when the cold solvent degreaser has a cover, which remains closed during the cleaning operation.
 - (iii) Any cold solvent degreasers using solvent which is agitated, or heated above 50°C (120°F) shall operate with a freeboard ratio equal to or greater than 0.75.
 - (iv) A water cover may be used as an acceptable control method to meet the freeboard requirements, when the solvent is insoluble in water and has a specific gravity greater than one.
- (d) Cold Solvent Degreasers - Cover Requirements:

- (i) Cold solvent degreasers using high volatility solvent shall have a cover that is a sliding, rolling or guillotine (bi-parting) type, which is designed to easily open and close without disturbing the vapor zone.
- (e) Cold Solvent Degreasers - Solvent Level Identification:
 - (i) A permanent, conspicuous mark locating the maximum allowable solvent level conforming to the applicable freeboard requirements.
- (f) All Degreasers shall comply with the following operating requirements:
 - (i) Any solvent cleaning equipment and any emission control device shall be operated and maintained in strict accord with the recommendations of the manufacturer.
 - (ii) Degreasers shall not be operating with any detectable solvent leaks.
 - (ii) All solvent, including waste solvent and waste solvent residues, shall be stored in closed containers at all times. All containers for any solvent(s) shall have a label indicating the name of the solvent/material they contain.
 - (iv) Waste solvent and any residues shall be disposed of by one of the following methods: a commercial waste solvent reclamation service licensed by the State of California; **or** a federally or state licensed facility to treat, store or dispose of such waste; **or** the originating facility may recycle the waste solvent and materials in conformance with requirements of Section 25143.2 of the California Health and Safety Code.
 - (v) Degreasers shall be covered to prevent fugitive leaks of vapors, except when processing work or to perform maintenance.
 - (vi) Solvent carryout shall be minimized by the following methods:
 - (a) Rack workload arranged to promote complete drainage
 - (b) Limit the vertical speed of the power hoist to 3.3 meters per minute (11 ft/min) or less when such a hoist is used.
 - (c) Retain the workload inside of the vapor zone until condensation ceases.
 - (d) Tip out any pools of solvent remaining on the cleaned parts before removing them from the degreaser if the degreasers are operated manually.
 - (e) Do not remove parts from the degreaser until the parts are visually dry and not dripping/leaking solvent. (This does not apply to an emulsion cleaner workload that is rinsed with water within the degreaser immediately after cleaning.)
 - (vii) The cleaning of porous or absorbent materials such as cloth, leather, wood or rope is prohibited.
 - (viii) Except for sealed chamber degreasers, all solvent agitation shall be by pump recirculation, a mixer, or ultrasonics.

- (ix) The solvent spray system shall be used in a manner such that liquid solvent does not splash outside of the container. The solvent spray shall be a continuous stream, not atomized or shower type, unless, the spray is conducted in a totally enclosed space, separated from the environment.
- (x) For those degreasers equipped with a water separator, no solvent shall be visually detectable in the water in the separator.
- (xi) Wipe cleaning materials containing solvent shall be kept in closed containers at all times, except during use.
- (xii) A degreaser shall be located so as to minimize drafts being directed across the cleaning equipment, the exposed solvent surface, or the top surface of the vapor blanket.
- (xiii) A method for draining cleaned material, such as a drying rack suspended above the solvent and within the freeboard area, shall be used so that the drained solvent is returned to the degreaser or container.
- (g) Rule 442 Applicability: Any solvent using operation or facility which is not subject to the source-specific Rule 1104 shall comply with the provisions of Rule 442. Any solvent using operation or facility which is exempt from all or a portion of the volatile organic compound (VOC) limits, equipment limits or the operational limits of Rule 1104 shall be subject to the applicable provisions of Rule 442.
- (h) Solvent Usage Records. Owner/Operator subject to Rule 1104 or claiming any exemption under Rule 1104, Section (E), shall comply with the following requirements:
 - (1) Maintain and have available during an inspection, a current list of solvents in use at the facility which provides all of the data necessary to evaluate compliance, including the following information separately for each degreaser, as applicable:
 - (i) Product name(s) used in the degreaser, and
 - (ii) The mix ratio of solvent compounds mixtures of solvents are used, and
 - (iii) VOC content of solvent or mixture of compounds as used, and
 - (iv) The total volume of the solvent(s) used for the facility, on a monthly basis, and
 - (v) The name and total volume applied of wipe cleaning solvent(s) used, on a monthly basis.
 - (2) Additionally, for any degreaser utilizing an add-on emission control device/system as a means of complying with provisions of Rule 1104 shall, on a monthly basis, maintain records of key system operating and maintenance data. Such data are recorded for the purpose of demonstrating continuous compliance during periods of emission producing activities. The

- data shall be recorded in a manner as prescribed by the District.
- (3) Documentation shall be maintained on site of the disposal or on-site recycling of any waste solvent or residues.
- (4) Records shall be retained (at facility) and available for inspection by District, state or federal personnel for the previous 5-year period as required by this Title V / Federal Operating Permit (Reference Rule 1203(D)(1)(d)(ii)).

[Rule 1104 - *Organic Solvent Degreasing Operations*]

28. Owner/Operator’s use of *Architectural Coatings* at this facility shall comply with the applicable requirements of Rule 1113, including the VOC limits specified in Rule 1113, part C, Table 1, as listed below:

Table 1

VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS

Limits are expressed in grams of VOC per liter of coating thinned to the manufacturer’s maximum recommendation, excluding the volume of any water, exempt compounds, or colorant added to tint bases. “Manufacturer’s maximum recommendation” means the maximum recommendation for thinning that is indicated on the label or lid of the coating container.

<u>Coating Category</u>	<u>Grams/liter</u>
Flat Coatings	100
Nonflat Coatings	150
Nonflat-High Gloss Coatings	250
 Specialty Coatings	
Antenna Coatings	530
Antifouling Coatings	400
Bituminous Roof Coatings	300
Bituminous Roof Primers (b)	350
Bond Breakers	350
Clear Wood Coatings	
Clear Brushing Lacquers	680
Lacquers (including lacquer sanding sealers)	550
Sanding Sealers (other than lacquer sanding sealers)	350
Varnishes	350

Concrete Curing Compounds	350
Dry Fog Coatings	400
Faux Finishing Coatings	350
Fire Resistive Coatings	350
Fire-Retardant Coatings:	
Clear	650
Opaque	350
Floor Coatings	250
Flow Coatings	420
Form-Release Compounds	250
Graphic Arts Coatings (Sign Paints)	500
High Temperature Coatings	420
Industrial Maintenance Coatings (c)	250
Low Solids Coatings (d)	120
Magnesite Cement Coatings	450
Mastic Texture Coatings	300
Metallic Pigmented Coatings	500
Multi-Color Coatings	250
Pre-Treatment Wash Primers	420
Primers, Sealers, and Undercoaters	200
Quick-Dry Enamels	250
Quick-Dry Primers, Sealers, and Undercoaters	200
Recycled Coatings	250
Roof Coatings	250
Rust Preventative Coatings	400
Shellacs:	
Clear	730
Opaque	550
Specialty Primers, Sealers, and Undercoaters	350
Stains	250
Swimming Pool Coatings	340
Swimming Pool Repair and Maintenance Coatings	340
Temperature-Indicator Safety Coatings	550
Traffic Marking Coatings	150
Waterproofing Sealers	250
Waterproofing Concrete/Masonry Sealers	400
Wood Preservatives (e)	350

- a. Conversion factor: one pound VOC per gallon (U.S.) = 119.95 grams VOC per liter.
- b. Formerly listed as General Primer, Sealers & Undercoaters.
- c. Except Anti-Graffiti coatings, which have a limit of 600 g/ltr.
- d. Units are grams of VOC per liter (pounds of VOC per gallon) of coating, including water and exempt compounds.
- e. Except Below Ground Wood Preservatives, which have a limit of 600 g/ltr.

[Rule 1113 - *Architectural Coatings*]

29. Owner/Operator's use of *Wood Products Coatings* at this facility shall comply with the applicable requirements of Rule 1114, including the VOC limits specified in Rule 1114, part C, Table of Standards, as listed below:

(1) VOC Content of Coatings & Adhesives

- (a) Any Owners and/or Operators of Wood Products Coating Application Operations shall not apply any Coating or Adhesive to a Wood Product which has a VOC Content, including any VOC-containing material added to the original Coating supplied by the manufacturer, which exceeds the applicable limit specified below, unless emissions to the atmosphere are controlled by air pollution abatement equipment with an Overall Control Efficiency of at least 85 percent. Any Coating subject to this rule that meets either of the two VOC Content limit formats (grams per liter or pounds per gallon [lb/gal]) is in compliance with this subsection.

(i) LIMITS

Grams of VOC Per Liter of Coating,
Less Water and Less Exempt Compounds (VOC Content)

Coating	Current Limit g/L (lb/gal)	On and After 7/1/97		On and After 7/1/2005
		Column I or g/L (lb/gal)	Column II g/L (lb/gal)	g/L (lb/gal)
Clear Sealers	680 (5.7)	550 (4.6)	680 (5.7)	275 (2.3)
Clear Topcoat	680 (5.7)	550 (4.6)	275 (2.3)	275 (2.3)

		On and After 7/1/97		On and After 7/1/2005
Pigmented Primers, Sealers and Undercoats	600 (5.0)	550 (4.6)	600 (5.0)	275 (2.3)
Pigmented Topcoats	600 (5.0)	550 (4.6)	275 (2.3)	275 (2.3)

Effective July 1, 1997, a person or facility shall use Coatings on Wood Products that comply with either all VOC Content limits in Column I or all VOC Content limits in Column II. A person or facility that applies a Pigmented Primer, Sealer or Undercoat, but not a Clear Topcoat or Pigmented Topcoat, to a Wood Product shall be subject to column I for that product.

- (ii) Notwithstanding the requirements of subsection (C)(1)(a)(i), a person or facility that applies a topcoat and a primer, sealer or undercoat to a Shutter may, until July 1, 2005, choose to comply with the VOC Content limits specified below for that Shutter:

(c) **LIMITS**
 Grams of VOC Per Liter of Coating,
 Less Water and Less Exempt Compounds (VOC Content)

Coating	g/L (lb/gal)
Clear Sealers	275 (2.3)
Clear Topcoat	680 (5.7)
Pigmented Primers, Sealers & Undercoats	275 (2.3)
Pigmented Topcoats	600 (5.0)

(d) **LIMITS**
 Grams of VOC Per Liter of Coating,
Less Water and Less Exempt Compounds (VOC Content)

Coating	Current Limit g/L (lb/gal)	On and After 7/1/97	On and After 7/1/2005
		g/L (lb/gal)	g/L (lb/gal)
Fillers	500 (4.2)	500 (4.2)	275 (2.3)
High-Solid Stains	700 (5.8)	550 (4.6)	350 (2.9)
Inks	500 (4.2)	500 (4.2)	500 (4.2)
Mold-Seal Coatings	750 (6.3)	750 (6.3)	750 (6.3)
Multi-Colored Coatings	685 (5.7)	685 (5.7)	275 (2.3)
Low-Solids Stains, Toners and Washcoats	800 (6.7)	480 (4.0)	120 (1.0)
Adhesives	250 (2.1)	250 (2.1)	250 (2.1)

[Rule 1114 - *Wood Products Coating Operations*]

30. Owner/Operator's use of *Metal Parts and Products Coatings* at this facility shall comply with the applicable requirements of Rule 1115, including the VOC limits specified in Rule 1115, as listed below:

Owner/Operator shall not apply to metal parts and products any coatings, including any VOC-containing materials added to the original coating supplied by the manufacturer, which contain VOC in excess of the limits specified below unless emissions to the atmosphere are controlled to an equivalent level by air pollution abatement equipment with a capture and control system Combined Efficiency of at least 85 percent:

LIMITS
 (Grams of VOC Per Liter of Coating, Less Water and Less Exempt Compounds)

<u>Coating</u>	<u>Air Dried</u>	<u>Baked</u>
(lb/gal)	g/L	(lb/gal) g/L

General	420	(3.5)	360	(3.0)
Military Specification	420	(3.5)	360	(3.0)
Etching Filler	420	(3.5)	420	(3.5)
Solar-Absorbent	420	(3.5)	360	(3.0)
Heat-Resistant	420	(3.5)	360	(3.0)
High-Gloss	420	(3.5)	360	(3.0)
Extreme High-Gloss	420	(3.5)	360	(3.0)
Metallic	420	(3.5)	420	(3.5)
Extreme Performance	420	(3.5)	360	(3.0)
Prefabricated Architectural				
Component	420	(3.5)	275	(2.3)
Touch Up	420	(3.5)	360	(3.0)
Repair	420	(3.5)	360	(3.0)
Silicone-Release	420	(3.5)	420	(3.5)
High Performance				
Architectural	420	(3.5)	420	(3.5)
Camouflage	420	(3.5)	420	(3.5)
Vacuum-Metalizing	420	(3.5)	420	(3.5)
Mold-Seal	420	(3.5)	420	(3.5)
High-Temperature	420	(3.5)	420	(3.5)
Electric-Insulating Varnish	420	(3.5)	420	(3.5)
Pan-Backing	420	(3.5)	420	(3.5)
Pretreatment Wash Primer	420	(3.5)	420	(3.5)
Clear Coating	520	(4.3)	520	(4.3)

[Rule 1115 - *Metal Parts and Products Coating Operations*]

31. Owner/Operator's use of *Automotive Finishing Operations* at this facility shall comply with the applicable requirements of Rule 1116, including the VOC limits specified in Rule 1116, as listed below:

Any person who applies Coatings to Group I Vehicles (Buses and Mobile Equipment), Group II Vehicles (Passenger cars, Large/Heavy Duty Truck cabs and chassis, Light and Medium Duty Trucks and Vans, and motorcycles), or their parts and components, shall comply with subsections (a) or (b) below:

- (a) **Group I Vehicles and Mobile Equipment**
 Any person shall not Finish or refinish Group I Vehicles and Mobile Equipment or their parts and components where Color Match is not required, using any Coating with a VOC content in excess of the following limits, expressed as Grams of VOC per Liter of Coating Less Water and Less Exempt Compounds, as applied, unless emissions of VOC to the atmosphere are controlled by air pollution abatement equipment with combined capture efficiency and control efficiency of the abatement device of at least 85 percent, and which has been approved in writing by the Air Pollution Control Officer (APCO):

	VOC Limits
Pretreatment Wash Primer	780 g/L (6.5 lb/gal)
Primer	250 g/L (2.1 lb/gal)
Primer Sealer	250 g/L (2.1 lb/gal)
Topcoat	340 g/L (2.8 lb/gal)
Metallic Topcoat	420 g/L (3.5 lb/gal)
Extreme Performance	420 g/L (3.5 lb/gal)

- (b) Any person shall not refinish Group II Vehicles (Passenger cars, Large/Heavy Duty Truck cabs and chassis, Light and Medium Duty Trucks and Vans, and motorcycles), their parts and components, or Group I Vehicles and Mobile Equipment where Color Match is required, using any Coating with a VOC content in excess of the following limits, expressed as Grams of VOC per Liter of Coating Less Water and Less Exempt Compounds, as applied, unless emissions of VOC to the atmosphere are controlled by air pollution abatement equipment with a combined capture efficiency and control efficiency of the abatement device of at least 85 percent, and which has been approved in writing by the Air Pollution Control Officer (APCO):

	VOC Limits
Pretreatment Wash Primer	780 g/L (6.5 lb/gal)
Primer/Primer Surfacer	250 g/L (2.1 lb/gal)
Primer Sealer	340 g/L (2.8 lb/gal)
Topcoat	420 g/L (3.5 lb/gal)
Metallic Topcoat	420 g/L (3.5 lb/gal)
Multi-Stage Topcoat System	420 g/L (3.5 lb/gal)

[Rule 1116 - Automotive Finishing Operations]

32. Owner/Operator shall comply with all requirements of the District’s Title V Program, MDAQMD Rules 1200 through 1211.
 [Regulation XII - *Federal Operating Permits*]

B. FACILITY-WIDE MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS:

1. Any data and records generated and/or kept pursuant to the requirements in this federal operating permit (Title V Permit) shall be kept current and on site for a minimum of five (5) years from the date generated. Any records, data, or logs shall be supplied to District, state, or federal personnel upon request.
 [40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

2. Any Compliance/Performance testing required by this Federal Operating Permit shall follow the administrative procedures contained in the District's *Compliance Test Procedural Manual*. Any required annual Compliance and/or Performance Testing shall be accomplished by obtaining advance written approval from the District pursuant to the District's *Compliance Test Procedural Manual*. All emission determinations shall be made as stipulated in the *Written Test Protocol* accepted by the District. When proposed testing involves the same procedures followed in prior District approved testing, then the previously approved *Written Test Protocol* may be used with District concurrence.
 [Rule 204 - *Permit Conditions*]

3. Owner/Operator of permit units subject to Comprehensive Emissions Inventory Report / Annual Emissions Determinations for District, state, and federal required Emission Inventories shall monitor and record the following for each unit:
- (a) The cumulative annual usage of each fuel type. The cumulative annual usage of each fuel type shall be monitored from utility service meters, purchase or tank fill records.
 - (b) Fuel suppliers' fuel analysis certification/guarantee including fuel sulfur content shall be kept on site and available for inspection by District, state or federal personnel upon request. The sulfur content of diesel fuel shall be determined by use of ASTM method D2622-82, or (ASTM method D 2880-71, or equivalent). Vendor data meeting this requirement are sufficient.
[40 CFR 70.6(a)(3)(B) – *Periodic Monitoring Requirements*]
[Rule 204 - *Permit Conditions*]
4. (a) Owner/Operator shall submit Compliance Certifications as prescribed by Rule 1203(F)(1) and Rule 1208, in a format approved by MDAQMD. Compliance Certifications by a Responsible Official shall certify the truth, accuracy and completeness of the document submitted and contain a statement to the effect that the certification is based upon information and belief, formed after a reasonable inquiry; the statements and information in the document are true, accurate, and complete.
[40 CFR 70.6(c)(5)(i); Rule 1208; Rule 1203(D)(1)(vii-x)]
- (b) Owner/Operator shall include in any Compliance Certification the methods used for monitoring such compliance.
[40 CFR 70.6(c)(5)(ii); Rule 1203(D)(1)(g)(viii)]
 - (c) Owner/Operator shall comply with any additional certification requirements as specified in 42 United States Code (U.S.C.) §7414(a)(3), Recordkeeping, Inspections, Monitoring and Entry (Federal Clean Air Act §114(a)(3)) and 42 U.S.C. §7661c(b), Permit Requirements and Conditions (Federal Clean Air Act §503(b)), or in regulations promulgated thereunder.
[Rule 1203 (D)(1)(g)(x)]
 - (d) On an *annual* basis, of any given year, Owner/Operator shall submit a *Compliance Certification Report*, no later than January 31 of any given year covering the previous calendar year, to the Air Pollution Control Officer (APCO) / District pursuant to District Rule 1203. Each report shall be certified to be true, accurate, and complete by “The Responsible Official” and a copy of this annual report shall also be contemporaneously submitted to the EPA Region IX Administrator.
[40 CFR 72.90.a and Rule 1203 (D)(1)(g)(v - x)]

5. Owner/Operator shall submit, on an annual basis, a *Monitoring Report* to the Air Pollution Control Officer (APCO) / District. Each *Monitoring Report* shall be submitted each year on the following schedule:

Report covering January 1-June 30	July 31
Report covering July 1-December 31	January 31

This *Monitoring Report* shall be certified to be true, accurate, and complete by “The Responsible Official” and shall include the following information and/or data:

- (a) Summary of deviations from any federally enforceable requirement in this permit.
- (b) Summary of all emissions monitoring and analysis methods required by any Applicable Requirement / federally - enforceable requirement.
- (c) Summary of all periodic monitoring, testing or record keeping (including test methods sufficient to yield reliable data) to determine compliance with any Applicable Requirement / federally - enforceable requirement that does not directly require such monitoring.

An alternate Monitoring Report format may be used upon prior approval by MDAQMD. [Rule 1203(D)(1)(e)(i)]

6. Owner/Operator shall promptly report all deviations from Federal Operating Permit requirements including, but not limited to, any emissions in excess of permit conditions, deviations attributable to breakdown conditions, and any other deviations from permit conditions. Such reports shall include the probable cause of the deviation and any corrective action or preventative measures taken as a result of the deviation. [Rule 1203(D)(1)(e)(ii) and Rule 430(C)]

Prompt reporting shall be determined as follows:

- (a) For deviations involving emissions of air contaminants in excess of permit conditions including but not limited to those caused by a breakdown, prompt reporting shall be within one hour of the occurrence of the excess emission or within one hour of the time a person knew or reasonably should have known of the excess emission. Documentation and other relevant evidence regarding the excess emission shall be submitted to the District within sixty (60) days of the date the excess emission was reported to the District. [Rule 430 - Breakdown Provisions]
- (b) For other deviations from permit conditions not involving excess emissions of air contaminants shall be submitted to the District with any required monitoring reports at least every six (6) months. [Rule 1203(D)(1)(e)(i)]

7. If any facility unit(s) should be determined not to be in compliance with any federally

enforceable requirement during the 5-year permit term, then Owner/Operator shall obtain a *Schedule of Compliance* approved by the District Hearing Board pursuant to the requirements of MDAQMD Regulation 5 (Rules 501 - 518). In addition, Owner/Operator shall submit a *Progress Report* on the implementation of the *Schedule of Compliance*. The *Schedule of Compliance* shall contain the information outlined in (b), below. The *Progress Report* shall contain the information outlined in (c), below. The *Schedule of Compliance* shall become a part of this Federal Operating Permit by administrative incorporation. The *Progress Report* and *Schedule of Compliance* shall comply with Rule 1201(I)(3)(iii) and shall include:

- (a) A narrative description of how the facility will achieve compliance with such requirements; and
- (b) A *Schedule of Compliance* which contains a list of remedial measures to be taken for the facility to come into compliance with such requirements, an enforceable sequence of actions, with milestones, leading to compliance with such requirements and provisions for the submission of *Progress Reports* at least every six (6) months. The *Schedule of Compliance* shall include any judicial order, administrative order, and/or increments of progress or any other schedule as issued by any appropriate judicial or administrative body or by the District Hearing Board pursuant to the provisions of Health & Safety Code §42350 et seq.; and
- (c) *Progress Reports* submitted under the provisions of a *Schedule of Compliance* shall include: Dates for achieving the activities, milestone, or compliance required in the schedule of compliance; and dates when such activities, milestones or compliance were achieved; and an explanation of why any dates in the schedule of compliance were not or will not be met; and any preventive or corrective measures adopted due to the failure to meet dates in the schedule of compliance. [Rule 1201 (I)(3)(iii); Rule 1203 (D)(1)(e)(ii); Rule 1203 (D)(1)(g)(v)]

C. FACILITY-WIDE COMPLIANCE CONDITIONS:

1. Owner/Operator shall allow an authorized representative of the MDAQMD to enter upon the permit holder's premises at reasonable times, with or without notice.
[40 CFR 70.6(c)(2)(i); Rule 1203(D)(1)(g)(i)]
2. Owner/Operator shall allow an authorized representative of the MDAQMD to have access to and copy any records that must be kept under condition(s) of this Federal Operating Permit.
[40 CFR 70.6(c)(2)(ii); Rule 1203(D)(1)(g)(ii)]

3. Owner/Operator shall allow an authorized representative of the MDAQMD to inspect any equipment, practice or operation contained in or required under this Federal Operating Permit.
[40 CFR 70.6(c)(2)(iii); Rule 1203(D)(1)(g)(iii)]
4. Owner/Operator shall allow an authorized representative of the MDAQMD to sample and/or otherwise monitor substances or parameters for the purpose of assuring compliance with this Federal Operating Permit or with any Applicable Requirement.
[40 CFR 70.6(c)(2)(iv); Rule 1203(D)(1)(g)(iv)]
5. Owner/Operator shall remain in compliance with all Applicable Requirements / federally enforceable requirements by complying with all compliance, monitoring, record-keeping, reporting, testing, and other operational conditions contained in this Federal Operating Permit. Any noncompliance constitutes a violation of the Federal Clean Air Act and is grounds for enforcement action; the termination, revocation and re-issuance, or modification of this Federal Operating Permit; and/or grounds for denial of a renewal application.
[1203 (D)(1)(f)(ii)]
6. Owner/Operator shall comply in a timely manner with all applicable requirements / federally - enforceable requirements that become effective during the term of this permit.
[Rule 1201 (I)(2); Rule 1203(D)(1)(g)(v)]
7. Owner/Operator shall insure that all applicable subject processes comply with the provisions of 40 CFR 61, *National Emission Standards for Hazardous Air Pollutants*, subpart A, *General Provisions*, and subpart M, *Asbestos*.
[40 CFR 61, subparts A and M]
8. Owner/Operator shall notify Air Pollution Control Officer (APCO) / District at least 10 working days before any applicable asbestos stripping or removal work is to be performed as required by section 61.145.b of 40 CFR 61 subpart M, *National Emission Standard for Asbestos*.
[40 CFR 61.145.b]
9. Owner/Operator shall notify the Air Pollution Control Officer (APCO) / District, on an **annual** basis, postmarked by December 17 of the calendar year, of the predicted asbestos renovations for the following year as required by section 61.145.b of 40 CFR 61, subpart M [see cite for threshold triggering and applicability].

[40 CFR 61.145.b]

10. This facility is a major HAP source. Total emissions of criteria pollutants from all operations conducted at this facility are limited as follows:

a. . PM10: less than 15 tpy

b. VOC: 82.57 tons per year, based on a 12 month rolling average, provided that the following two conditions are met:

1. Facility VOC emissions shall not exceed 43.8 tons per year (12-month rolling average), unless the following is demonstrated [Rule 1303]:

2. If facility VOC emissions exceed 43.8 tons per year (12 month rolling average) the owner/operator must demonstrate that the increment of up to an additional 38.77 tons per year (12 month rolling average) results from only "Large Part" open molding manufacturing, as defined herein and demonstrated by recordkeeping as specified in condition 9, or from closed molding processes, which include compression molding and vacuum resin infusion molding. [Rule 1303]

Facility emissions include all open and closed polyester resin operations conducted including those within permitted booths B002555, B002557, S008896 and S009003 based on a 12 month rolling average. For the purpose of this permit, and in accord with MACT Standard, 40 CFR Part 63, Subpart WWWW:

A large open molding part is defined as a part that, when the final finished part is enclosed in the smallest rectangular six-sided box into which the part can fit, the total interior volume of the box exceeds 250 cubic feet, or any interior sides of the box exceed 50 square feet.

11. This facility shall be maintained and operated in compliance with USEPA NESHAP Maximum Achievable Control Technology (MACT) Standards found in 40 CFR 63 Subparts A, PPPP and WWWW to include but not limited to the following:

a. The open molding HAP emissions shall not exceed the HAP emission limits in Table 3 or Table 7, depending on which compliance option is chosen to demonstrate compliance with Subpart WWWW of 40 CFR 63. In accordance with Subpart 63.5810, the facility may use Option A in 63.5810(a), Option B in 63.5810(b), Option C in 63.5810(c), or Option D in 63.5810(d) to comply with the open molding limits. Records demonstrating compliance with this requirement shall identify the chosen

compliance option – Option A, B, C or D.

[40 CFR; 63.5810, *Equations To Calculate Organic HAP Emissions Factors For Specific Open Molding And Centrifugal Casting Process Streams*]

- b. HAP emissions (commonly styrene and methyl methacrylate) shall be determined by using the equations found in Table 1 of Subpart WWWW to 40 CFR 63.
[40 CFR; 63.5810, *Equations To Calculate Organic HAP Emissions Factors For Specific Open Molding And Centrifugal Casting Process Streams*]
- c. This facility must comply with ‘Work Practices’ found in Table 4 to Subpart WWWW of 40 CFR 63 and demonstrate compliance with these ‘Work Practices’ per Table 9 to Subpart WWWW of 40 CFR 63. The closed molding and covered mixing processes must comply with the “Work Practices” found in Table 4.
[40 CFR; 63.5805(a) through (d) and (g), 63.5835(a), 63.5900(a)(3), 63.5910(c)(5), and 63.5915(d), ‘*Work Practice Standards*’]
- d. This facility must submit semi-annual ‘Compliance Reports’ as required in Table 14 to Subpart WWWW of 40 CFR 63 per 40 CFR 63.5910(b) on or before January 31 and July 31 of each year.
[40 CFR; 63.5910(b), ‘*Notifications, Reports, and Reports*’]
- e. This facility is required to meet operation and maintenance requirements 40 CFR 63.6(e)(1) and (2).
[40 CFR; 63, Table 15 to Subpart WWWW: ‘*Applicability Of General Provisions (Subpart A) To Subpart WWWW Of Part 63*’]
- f. This facility must submit a ‘Notification of Compliance Status’ per 40 CFR 63.9(h) and Table 13 to Subpart WWWW of 40 CFR 63.
[40 CFR; 63, Table 13 to Subpart WWWW: ‘*Applicability And Timing Of Notifications*’]
- g. This facility is subject to 40 CFR Part 63 Subpart PPPP - National Emission Standards for Hazardous Air Pollutants for Surface Coating of Plastic Parts and Products. The facility shall demonstrate that, based on the coatings, thinners and/or other additives, and cleaning materials used in the coating operation(s), the organic HAP emission rate for the coating operation(s) is less than or equal to 0.16 pound of organic HAP per pound of coating solids, calculated monthly as the sum of each consecutive 12-month period. The compliance demonstration may be applied to an individual coating operation, or to multiple coating operations as a group, or to the entire affected source.

- h. The date, time, and duration of each deviation, as defined in 40 CFR 63.4542 and 40 CFR 63.4552, from the organic HAP emission limitation. 40 CFR Part 63 Subpart PPPP 63.4530(h)

PART III
EQUIPMENT SPECIFIC APPLICABLE REQUIREMENTS; EMISSIONS
LIMITATIONS; MONITORING, RECORDKEEPING,
REPORTING AND TESTING REQUIREMENTS; COMPLIANCE
CONDITIONS; COMPLIANCE PLANS

A. Standard Monitoring, Record-keeping and Reporting Requirements:

1. Any data and records required to be generated and/or kept by any portion of this permit, shall be kept current, on-site for a minimum of five (5) years from the date generated pursuant to Title V Program requirements and provided to District, state, or federal personnel on request.
[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)].
2. Any reports generated from monitoring required by any portion of this permit shall be submitted by the owner/operator to the MDAQMD at least every three (3) months unless another time period is specified in the specific provision requiring monitoring.
[40 CFR 70.6(a)(3)(iii)(A); Rule 1203(D)(1)(e)(i)]
3. Any Compliance/Performance testing required by this Federal Operating Permit shall follow the administrative procedures contained in the District's Compliance Test Procedural Manual. Any required annual Compliance and/or Performance Testing shall be accomplished by obtaining advance written approval from the District pursuant to the District's Compliance Test Procedural Manual. All emission determinations shall be made as stipulated in the Written Test Protocol accepted by the District. When proposed testing involves the same procedures followed in prior District approved testing, then the previously approved Written Test Protocol may be used with District concurrence.
[40 CFR 70.6 (a)(3)(B) - Periodic Monitoring Requirements] (for Periodic Monitoring Requirements, see Part II and Part III conditions)
[Rule 204 - Permit Conditions]
4. Owner/Operator of permit units subject to Comprehensive Emissions Inventory Report / Annual Emissions Determinations for District, state, and federal required Emission Inventories shall monitor and record the following for each unit:
 - (a) The cumulative annual usage of each fuel type. The cumulative annual usage of each fuel type shall be monitored from utility service meters, purchase or tank fill records.
 - (b) Fuel suppliers fuel analysis certification/guarantee including fuel sulfur content

shall be kept on site, for a minimum of five (5) years, and available for inspection by District, state or federal personnel on request. The sulfur content of diesel fuel shall be determined by use of ASTM method D 2622-82, or (ASTM method D 2880-71, or equivalent).

[40 CFR 70.6 (a)(3)(B) - Periodic Monitoring Requirements] (for Periodic Monitoring Requirements, see Part II and Part III conditions)
[Rule 204 - Permit Conditions]

B. Equipment Specific Monitoring, Record-keeping, Reporting and Testing Requirements Applicable to MDAQMD Permit Number: B002555, BOOTH 1 GELCOAT & LAMINATING (LINE A) B002557, BOOTH 2 GELCOAT LAY-UP AREA AND MOLDING ROOM (LINE C) S008896, BOOTH 3 GELCOAT AND LINE B LAMINATING BOOTH: S009003, BOOTH 4 GELCOAT AND LINE D LAMINATING BOOTH:

1. All spray guns used to apply gel coat, resin, coatings including adhesives must comply with the requirements of Rule 1162 or the applicable Regulation XI coating rule for the type of plastic part to which the coating or adhesive is applied.

[Rule 204 - Permit Conditions]

2. This spray booth and the entire facility shall be maintained and operated in compliance with USEPA NESHAP Maximum Achievable Control Technology (MACT) Standards found in 40 CFR 63 Subparts A and WWWW to include but not limited to the following:
 - a. The open molding HAP emissions shall not exceed the HAP emission limits in Table 3 or Table 7, depending on which compliance option is chosen to demonstrate compliance with Subpart WWWW of 40 CFR 63. In accordance with Subpart 63.5810, the facility may use Option A in 63.5810(a), Option B in 63.5810(b), Option C in 63.5810(c), or Option D in 63.5810(d) to comply with the open molding limits. Records demonstrating compliance with this requirement shall identify the chosen compliance option – Option A, B, C or D.

- b. HAP emissions (commonly styrene and methyl methacrylate) shall be determined by using the equations found in Table 1 of Subpart WWWW to 40 CFR 63.
- c. This facility must comply with Work Practices found in Table 4 to Subpart WWWW of 40 CFR 63 and demonstrate compliance with these Work Practices per Table 9 to Subpart WWWW of 40 CFR 63.
- d. This facility must submit semi-annual Compliance Reports as required in Table 14 to Subpart WWWW of 40 CFR 63 per 40 CFR 63.5910(b) on or before January 31 and July 31 of each year.
- e. This facility is required to meet operation and maintenance requirements 40 CFR 63.6(e)(1) and (2).
- f. This facility must submit a Notification of Compliance Status per 40 CFR 63.9(h) and Table 13 to Subpart WWWW of 40 CFR 63.
- g. Injection molding operations at this facility are subject to the work practice standards specified in 63.5805 and Table 4, 40 CFR 63 Subpart WWWW. Work practices for injection molding operations include: uncover, unwrap or expose only one charge per mold cycle per compression/injection molding machine. For machines with multiple molds, one charge means sufficient material to fill all molds for one cycle. For machines with robotic loaders, no more than one charge may be exposed prior to the loader. For machines fed by hoppers, sufficient material may be uncovered to fill the hopper. Hoppers must be closed when not adding materials. Materials may be uncovered to feed to slitting machines. Materials must be recovered after slitting.
- h. In the event of conflict between the MACT Standard, and the conditions specified in this permit, the MACT standard shall govern.

[Rule 204 - *Permit Conditions*]

3. This facility is subject to 40 CFR Part 63 Subpart PPPP - National Emission Standards for Hazardous Air Pollutants for Surface Coating of Plastic Parts and Products. The facility shall demonstrate that, based on the coatings, thinners and/or other additives, and cleaning materials used in the coating operation(s), the organic HAP emission rate for the coating operation(s) is less than or equal to 0.16 pound of organic HAP per pound of coating solids, calculated monthly as the sum of each consecutive 12-month period. The compliance demonstration may be applied to an individual coating operation, or to multiple coating operations as a group, or to the entire affected source.

(Subpart PPPP, 40 CFR 63.4550, 40 CFR 63.4551 and 40 CFR 63.4552)

4. For the purposes of calculating VOC emissions, all VOC in air-dried materials used shall be assumed to be emitted to the atmosphere during the day of application.

[Rule 204 - *Permit Conditions*]

5. Filters shall be maintained in a tightly mounted and dimensionally stable condition free of excess deposits or interference with airflow passages.

[Rule 204 - *Permit Conditions*]

6. This equipment shall be operated in strict accord with the manufacturer's specifications or, if manufactured by the applicant, approved by the District Executive Officer.

[Rule 204 - *Permit Conditions*]

7. This facility is a major HAP source. Total emissions of criteria pollutants from all operations conducted at this facility are limited as follows:

- a. PM10: less than 15 tpy

b. VOC: 82.57 tons per year, based on a 12 month rolling average, provided that the following conditions are met:

1. Facility VOC emissions shall not exceed 43.8 tons per year (12-month rolling average), unless the following is demonstrated [Rule 1303]:
2. If facility VOC emissions exceed 43.8 tons per year (12 month rolling average) the owner/operator must demonstrate that the increment of up to an additional 38.77 tons per year (12 month rolling average) results from only “Large Part” open molding manufacturing, as defined herein and demonstrated by recordkeeping as specified in condition 9, or from closed molding processes, which include compression molding and vacuum resin infusion molding. [Rule 1303]

Facility emissions include all open and closed polyester resin operations conducted including those within permitted booths B002555, B002557, S008896 and S009003 based on a 12 month rolling average. For the purpose of this permit, and in accord with MACT Standard, 40 CFR Part 63, Subpart WWWW:

A large open molding part is defined as a part that, when the final finished part is enclosed in the smallest rectangular six-sided box into which the part can fit, the total interior volume of the box exceeds 250 cubic feet, or any interior sides of the box exceed 50 square feet. [Rule 204 - *Permit Conditions*]

[Rule 1303 – Requirements]

[40 CFR Part 63, Subpart WWWW]

8. The owner/operator shall comply with the polyester resin and gelcoat application technique requirements in section C(1) of MDAQMD Rule 1162, and shall not exceed the monomer limits for each applicable resin use in Table 1 in Section C(2) of MDAQMD Rule 1162.

[Rule 204 - *Permit Conditions*]

[Rule 1162 – Polyester Resin Operations]

9. This facility shall maintain the following records:
- a. A copy of each notification and report submitted to comply with 40 CFR Part 63 Subpart PPPP and with 40 CFR Part 63 Subpart WWWW.
[40 CFR 63 Subpart PPPP 63.4530(a), 40 CFR 63 Subpart WWWW 63.5915]
 - b. 12 month rolling average demonstrating compliance with the PM10, VOC and HAP limits specified in condition 7.

40 CFR 63 Subpart PPPP

- c. Calculations of the total mass of organic HAP emissions for the coatings, thinners and/or other additives, and cleaning materials used each month, total mass of coating solids used each month and the organic HAP emission rate calculated monthly using data from the previous 12 months of operation. 40 CFR 63 Subpart PPPP 63.4530(c)
- d. Current copy of information provided by the manufacturer used to determine the mass fraction of HAP and coating solids present in the coating 40 CFR Part 63 Subpart PPPP 63.4530(b)
- e. The name and mass of each coating, thinner, other additive and cleaning material used 40 CFR Part 63 Subpart PPPP 63.4530(d)
- f. The mass fraction of organic HAP for each coating, thinner and/or other additive, and cleaning material used. 40 CFR Part 63 Subpart PPPP 63.4530(e)
- g. The mass fraction of coating solids for each coating used. 40 CFR Part 63 Subpart PPPP 63.4530(f)

- h. The date, time, and duration of each deviation, as defined in 40 CFR 63.4542 and 40 CFR 63.4552, from the organic HAP emission limitation. 40 CFR Part 63 Subpart PPPP 63.4530(h)

40 CFR 63 Subpart WWWW

- i. You must collect and keep records of resin and gel coat use, organic HAP content, and operation where the resin is used if you are meeting any organic HAP emissions limits based on an organic HAP emissions limit in Tables 3 or 5 to this subpart. You must collect and keep records of resin and gel coat use, organic HAP content, and operation where the resin is used if you are meeting any organic HAP content limits in Table 7 to this subpart if you are averaging organic HAP contents. Resin use records may be based on purchase records if you can reasonably estimate how the resin is applied. The organic HAP content records may be based on MSDS or on resin specifications supplied by the resin supplier.

- j. Resin and gel coat use records are not required for the individual resins and gel coats that are demonstrated, as applied, to meet their applicable emission as defined in §63.5810(a). However, you must retain the records of resin and gel coat organic HAP content, and you must include the list of these resins and gel coats and identify their application methods in your semiannual compliance reports. If after you have initially demonstrated that a specific combination of an individual resin or gel coat, application method, and controls meets its applicable emission limit, and the resin or gel coat changes or the organic HAP content increases, or you change the application method or controls, then you again must demonstrate that the individual resin or gel coat meets its emission limit as specified in paragraph (a) of §63.5810. If any of the previously mentioned changes results in a situation where an individual resin or gel coat now exceeds its applicable emission limit in Table 3 or 5 of this subpart, you must begin collecting resin and gel coat use records and calculate compliance using one of the averaging options on a 12-month rolling average.

- k. You must keep all data, assumptions, and calculations used to determine organic HAP emissions factors or average organic HAP contents for operations listed in tables 3, 5, and 7 40 CFR 63 Subpart WWWW 63.5915(c).

When using facility-specific organic HAP emissions estimation equations or factors, you must keep all data, assumptions, and calculations used to derive the organic HAP emissions estimation equations and factors and identification and rationale for the worst-case formula. For all organic HAP emissions estimation equations and organic HAP emissions factors, you must keep documentation that the appropriate permitting authority has approved them. [63.5915(e)]

- l. Polyester resin application technique(s) used, manufacturer's name, and records of the fluid tip pressure calibration as specified by the manufacturer;
- m. A current list of polyester resin materials in use which provides the material data necessary to evaluate compliance, including the following information, if applicable:
 1. The manufacturer's name; type and amount of each of the polyester resin materials used;
 2. The weight (in percent) of monomer for all polyester resin materials and filler(s);
 3. If VOC-containing materials are added to the polyester resin, the amount of VOC-containing materials, in liters, and the VOC content in grams per liter, of VOC-containing materials.
 4. Certifications of analysis from the resin manufacturer(s) to verify that all applied tub/shower resin materials are vapor suppressed.
 5. For closed mold and pultrusion systems, the weight loss (in percent) of polyester resin materials for each application.
 6. Records for solvents used in cleanup and preparation.
- n. You must keep a certified statement that you are in compliance with the work practice requirements in Table 4, as applicable.

Records must be maintained in such a manner that they can be readily accessed and are suitable for inspection by District, state and federal staff. Records shall be maintained accessible and available for 5 years

10. This equipment shall comply with all the applicable requirements of this facility's current federal operating permit including Part II - Facilitywide Applicable Requirements.

[Rule 204 - *Permit Conditions*]

PART IV
STANDARD FEDERAL OPERATING PERMIT CONDITIONS

A. STANDARD CONDITIONS:

1. If any portion of this Federal Operating Permit is found to be invalid by the final decision of a court of competent jurisdiction the remaining portion(s) of this Federal Operating Permit shall not be affected thereby.
[40 CFR 70.6(a)(5); Rule 1203(D)(1)(f)(i)]
2. Owner/Operator shall comply with all condition(s) contained herein. Noncompliance with any condition(s) contained herein constitutes a violation of the Federal Clean Air Act and of MDAQMD Regulation XII and is grounds for enforcement action; termination, revocation and re-issuance, or modification of this Federal Operating Permit; and/or grounds for denial of a renewal of this Federal Operating Permit.
[40 CFR 70.6(a)(6)(i); Rule 1203(D)(1)(f)(ii)]
3. It shall not be a defense in an enforcement action brought for violation(s) of condition(s) contained in this Federal Operating Permit that it would have been necessary to halt or reduce activity to maintain compliance with those condition(s).
[40 CFR 70.6(a)(6)(ii); Rule 1203(D)(1)(f)(iii)]
4. This Federal Operating Permit may be modified, revoked, reopened or terminated for cause.
[40 CFR 70.6(a)(6)(iii); Rule 1203(D)(1)(f)(iv)]
5. The filing of an application for modification; a request for revocation and re-issuance; a request for termination; notifications of planned changes; or anticipated noncompliance with condition(s) does not stay the operation of any condition contained in this Federal Operating Permit.
[40 CFR 70.6(a)(6)(iii); Rule 1203(D)(1)(f)(v)]
6. The issuance of this Federal Operating Permit does not convey any property rights of any sort nor does it convey any exclusive privilege.
[40 CFR 70.6(a)(6)(iv); Rule 1203(D)(1)(f)(vi)]
7. Owner/Operator shall furnish to the MDAQMD, within a reasonable time as specified by the MDAQMD, any information that the MDAQMD may request in writing.
[40 CFR 70.6(a)(6)(v); Rule 1203(D)(1)(f)(vii)]

8. Owner/Operator shall furnish to District, state or federal personnel, upon request, copies of any records required to be kept pursuant to condition(s) of this Federal Operating Permit.
[40 CFR 70.6(a)(6)(v); Rule 1203(D)(1)(f)(viii)]
9. Any records required to be generated and/or kept by any portion of this Federal Operating Permit shall be retained by the facility Owner/Operator for at least five (5) years from the date the records were created.
[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]
10. Owner/Operator shall pay all applicable fees as specified in MDAQMD Regulation III, including those fees related to permits as set forth in Rules 301 and 312.
[40 CFR 70.6(a)(7); Rule 1203(D)(1)(f)(ix)]
11. Owner/Operator shall not be required to revise this permit for approved economic incentives, marketable permits, emissions trading or other similar programs provided for in this permit.
[40 CFR 70.6(a)(8); Rule 1203(D)(1)(f)(x)]
12. Compliance with condition(s) contained in this Federal Operating Permit shall be deemed compliance with the Applicable Requirement underlying such condition(s). The District clarifies that “only” Applicable Requirements listed & identified elsewhere in this Title V Permit are covered by this Permit Shield and does not extend to any unlisted/unidentified conditions pursuant to the requirements of 40 CFR 70.6(f)(1)(i).
[40 CFR 70.6(f)(1)(i); Rule 1203(G)(1)]
13. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to limit the emergency powers of USEPA as set forth in 42 U.S.C. §7603.
[40 CFR 70.6(f)(3)(i); Rule 1203(G)(3)(a)]
14. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to limit liability for violations, which occurred prior to the issuance of this Federal Operating Permit.
[40 CFR 70.6(f)(3)(ii); Rule 1203(G)(3)(b)]
15. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to alter any Applicable Requirement Contained in the Acid Rain Program.
[40 CFR 70.6(f)(3)(iii); Rule 1203(G)(3)(c)]

16. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to limit the ability of USEPA or the MDAQMD to obtain information pursuant to other provisions of law including but not limited to 42 U.S.C. §7414. [40 CFR 70.6(f)(3)(iv); Rule 1203(G)(3)(d)]
17. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to apply to emissions trading pursuant to provisions contained in an applicable State Implementation Plan. [40 CFR 70.4(b)(12)(ii)(B); Rule 1203(G)(3)(e)]
18. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to apply to changes made which are not expressly allowed by this Federal Operating Permit. [40 CFR 70.4(b)(14)(iii); Rule 1203(G)(3)(f)]
19. The Permit Shield set forth in Part IV, condition 12, shall not be construed to apply to changes made pursuant to the Significant Permit Modification provisions until such changes are included in this Federal Operating Permit. [40 CFR 70.5(a)(1)(ii), 70.7(e)(2)(vi); Rule 1203 (G)(3)(g)]
20. If Owner/Operator performs maintenance on, or services, repairs, or disposes of appliances, Owner/Operator shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. These requirements are Federally Enforceable through this Title V Permit. [40 CFR Part 82, Subpart F]
21. If Owner/Operator performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), Owner/Operator shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. These requirements are Federally Enforceable through this Title V Permit. [40 CFR Part 82, Subpart B]
22. Notwithstanding the testing requirements contained elsewhere in this Title V Permit, any credible evidence may be used to establish violations, including but not limited to; reference test methods, engineering calculations, indirect estimates of emissions, CEMS data, and parametric monitoring data. Data need not be required to be collected in a Title V permit in order to be considered credible. [Section 113(a) of the Clean Air Act]

PART V OPERATIONAL FLEXIBILITY

A. ALTERNATIVE OPERATING SCENARIO(S):

Owner/operator individual State/District Permits are already conditioned to allow owner/operator-wide emissions cap and internal netting. Further, the conditions of these State/District level permits are listed within Part III of this Title V Permit. This owner/operator State/District emissions cap is federally enforceable under the conditions of this Title V Permit.

Owner/operator must comply with these already listed conditions and keep records required for a period of five (5) years from the date the data is generated, and made available to District, State or federal personnel on request.

B. OFF PERMIT CHANGES

I. Permittee may make a proposed change to equipment covered by this permit that is not expressly allowed or prohibited by this permit if:

A. Permittee has applied for and obtained all permits and approvals required by MDAQMD Regulation II and Regulation XII unless the equipment involved in the change is exempt from obtaining such permits and approvals pursuant to the provisions of Rule 219; and

1. The proposed change is not:

- a. Subject to any requirements under Title IV of the Federal Clean Air Act; or *[See 1203(E)(1)(c)(i)d.]*
- b. A modification under Title I of the Federal Clean Air Act; or
- c. A modification subject to Regulation XIII; and *[See 1203(E)(1)(c)(i) d.]*
- d. The change does not violate any Federal, State or Local requirement, including an applicable requirement; and *[See 1203(E)(1)(c)(i)c.]*
- e. The change does not result in the exceedance of the emissions allowable under this permit (whether expressed as an emissions rate or in terms of total emissions). *[See 1203(E)(1)(c)(i)e.]*

II. Procedure for “Off Permit” Changes

A. If a proposed “Off Permit Change” qualifies under Part V, Section (B)(I)(A)(1)

above, permittee shall implement the change as follows:

1. Permittee shall apply for an Authority To Construct permit pursuant to the provisions of Regulation II. *[See 1203(E)(1)(c)(i)b.]*
 2. In addition to the information required pursuant to the provisions of Regulation II and Regulation XIII such application shall include:
 - a. A notification that this application is also an application for an “Off Permit” Change pursuant to this condition; and *[See 1203(E)(1)(c)(i)b.]*
 - b. A list of any new Applicable Requirements which would apply as a result of the change; and *[See 1203(E)(1)(c)(i)b.]*
 - c. A list of any existing Applicable Requirements, which would cease to apply as a result of the change. *[See 1203(E)(1)(c)(i)c.]*
 3. Permittee shall forward a copy of the application and notification to USEPA upon submitting it to the District. *[See 1203(E)(1)(c)(i)a.]*
- B. Permittee may make the proposed change upon receipt from the District of the Authority to Construct Permit or thirty (30) days after forwarding the copy of the notice and application to USEPA whichever occurs later. *[See 1203(E)(1)(c)(i)a. and g.]*
- C. Permittee shall attach a copy of the Authority to Construct Permit and any subsequent Permit to Operate, which evidences the Off Permit Change to this Title V permit. *[See 1203(E)(1)(c)(i)f.]*
- D. Permittee shall include each Off-Permit Change made during the term of the permit in any renewal application submitted pursuant to Rule 1202(B)(3)(b). *[See 1203(E)(1)(c)(i)f.]*
- III. Other Requirements:
- A. The provisions of Rule 1205 – Modifications do not apply to an Off Permit Change made pursuant to this condition.
 - B. The provisions of Rule 1203(G) – Permit Shield do not apply to an Off Permit Change made pursuant to this condition. *[See 40 CFR 70.4(b)(i)(B)]*

[Rule 1203(E)(1)(c)]

PART VI CONVENTIONS, ABBREVIATIONS, DEFINITIONS

A. CONVENTIONS

The following referencing conventions are used in this federal operating permit:

- 40 CFR Part 60, Standards of Performance for New Stationary Sources (NSPS)
- 40 CFR Part 60, Appendix F, Quality Assurance Procedures
- 40 CFR Part 61, National Emission Standards for Hazardous Air Pollutants (NESHAPS)
- 40 CFR Part 61, Subpart M, National Emission Standards for Asbestos
- 40 CFR Part 63--National Emission Standards For Hazardous Air Pollutants For Affected Source Categories
- 40 CFR Part 72, Permits Regulation (Acid Rain Program)
- 40 CFR Part 73, Sulfur Dioxide Allowance System
- 40 CFR Part 75, Continuous Emission Monitoring
- 40 CFR Part 75, Subpart D, Missing Data Substitution Procedures
- 40 CFR Part 75, Appendix B, Quality Assurance and Quality Control Procedures
- 40 CFR Part 75, Appendix C, Missing Data Estimating Procedures
- 40 CFR Part 75, Appendix D, Optional SO₂ Emissions Data Protocol
- 40 CFR Part 75, Appendix F, Conversion Procedures
- 40 CFR Part 75, Appendix G, Determination of CO₂ Emissions

B. OTHER CONVENTIONS:

1. Unless otherwise noted, a “day” shall be considered a 24-hour period from midnight to midnight (i.e., calendar day).
2. The process unit identifications represent the District permit number designations. These numbers are not sequential. The use of District permit numbers provides continuity between the District and Federal Operating Permit systems.

C. ABBREVIATIONS

Abbreviations used in this permit are as follows:

CFR	Code of Federal Regulations
APCO	Air Pollution Control Officer
bhp	brake horsepower
Btu	British thermal units

CCR	California Code of Regulations
CEMS	continuous emissions monitoring system
CO	carbon monoxide
CO ₂	carbon dioxide
District	Mojave Desert Air Quality Management District (formed July 1993)
MDAQMD	Mojave Desert Air Quality Management District (formed July 1993)
MD	Mojave Desert Air Quality Management District (formed July 1993)
SB	San Bernardino County APCD (1975 to formation of MDAQMD)
gr/dscf	grains per dry standard cubic foot
gpm	gallons per minute
gph	gallons per hour
hp	horse power
H&SC	California Health and Safety Code
lb	pounds
lb / hr	pounds per hour
lb / MM Btu	pounds per million British thermal units
MM Btu	million British thermal units
MM Btu/hr	million British thermal units per hour
MW	Megawatt electrical power
MW(e) net	net Megawatt electrical power
NH ₃	ammonia
NMOC	non-methane organic compounds
NO _x	oxides of nitrogen
NO ₂	nitrogen dioxide
O ₂	oxygen
pH	pH (acidity measure of solution)
PM ₁₀	particulate matter less than 10 microns aerodynamic diameter
ppmv	parts per million by volume
psig	pounds per square inch gauge pressure
QA	quality assurance
rpm	revolutions per minute
RVP	Reid vapor pressure
SCAQMD	South Coast Air Quality Management District
scfm	standard cubic feet per minute
scfh	standard cubic feet per hour
SIC	Standard Industrial Classification
SIP	State of California Implementation Plan
SO _x	oxides of sulfur
SO ₂	sulfur dioxide

tpy tons per year
TVP true vapor pressure

D. SIP Rule Citations for Mojave Desert Air Quality Management District Rules

District Rule Number	District Rule Title	SIP Rule Version	SIP Citation	Federally Enforceable
203	<i>Permit to Operate</i>	1/7/77	Approved 11/9/78, 43 FR 52237, 40 CFR 52.220(c)(39)(ii)(B) and 40 CFR 52.220(c)(31)(vi)(C)	Y
204	<i>Permit Conditions</i>	1/9/76	Approved 11/9/78, 43 FR 52237, 40 CFR 52.220(c)(39)(ii)(B) and 40 CFR 52.220(c)(31)(vi)(C)	Y
206	<i>Posting of Permit to Operate</i>	1/9/76	Approved 11/9/78, 43 FR 52237, 40 CFR 52.220(c)(39)(ii)(B) and 40 CFR 52.220(c)(31)(vi)(C)	Y
207	<i>Altering or Falsifying of Permit</i>	1/9/76	Approved 11/09/78, 43 FR 52237, 40 CFR 52.220(c)(39)(ii)(B) and 52.220(c)(31)(vi)(C)	Y
209	<i>Transfer and Voiding of Permit</i>	1/9/76	Approved 11/9/78, 43 FR 52237, 40 CFR 52.220(c)(39)(ii)(B) and 40 CFR 52.220(c)(31)(vi)(C)	Y
217	<i>Provision for Sampling And Testing Facilities</i>	1/9/76	Approved 11/9/78, 43 FR 52237, 40 CFR 52.220(c)(39)(ii)(B) and 40 CFR 52.220(c)(31)(vi)(C)	Y

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218	<i>Stack Monitoring</i>	7/25/79	Approved 9/28/81, 46 FR 47451,40 CFR 52.220(c)(65)(ii)	Y
219	<i>Equipment Not Requiring a Written Permit</i>	6/6/77	Approved 11/9/78, 43 FR, 52237, 40 CFR 52.220(c)(31)(vi)(C), 40 CFR 52.220(c)(32)(iv)(C), and 40 CFR 52.220(c)(39)(ii)(B)	Y
221	<i>Federal Operating Permit Requirement</i>	12/21/94	Approved 2/5/96, 61 FR 4217, 40 CFR 52.220(c)(216)(i)(A)(2)	Y
301	<i>Permit Fees</i>	Not in SIP	Applicable Version = Most current amendment, Applicable via Title V Program interim approval 02/05/96 61 FR 4217	Y
312	<i>Fees for Federal Operating Permits</i>	Not in SIP	Applicable Version = Amended: 12/21/94, Applicable via Title V Program interim approval 02/05/96 61 FR 4217	Y

401	<i>Visible Emissions</i>	7/25/1977	Approved 9/8/78, 43 FR 4001, 40 CFR 52.220(c)(39)(ii)(C)	Y
403	<i>Fugitive Dust</i>	7/25/1977	Approved 9/8/78, 43 FR 4001, 40 CFR 52.220(c)(39)(ii)(B)	Y
403.2	<i>Fugitive Dust Control for the Mojave Desert Planning Area</i>	9/22/96	Approved 12/9/98, 63 FR 67784, 40 CFR 52.220(c)(194)(i)(H)(1)	Y
404	<i>Particulate Matter Concentration</i>	7/25/77	Approved 12/21/78, 43 FR 59489, 40 CFR 52.220(c)(42)(xiii)(A)	Y
405	<i>Solid Particulate Matter, Weight</i>	7/25/77	Approved 12/21/78, 43 FR 59489, 40 CFR 52.220(c)(42)(xiii)(A) ; Approved 6/14/78, 43 FR 25684, 40 CFR 52.220(c)(32)(iv)(A)	Y

406	<i>Specific Contaminants</i>	7/25/1977 (subdivision (a))	Approved, 12/21/78, 43 FR 59489, 40 CFR 52.220(c)(42)(xiii)(A)	Y
407	<i>Liquid and Gaseous Air Contaminants</i>	5/7/76	Approved 9/8/78, 43 FR 40011; 40 CFR 52.220(c)(39)(ii)(C)	Y
408	<i>Circumvention</i>	5/7/76	Approved 9/8/78, 43 FR 40011; 40 CFR 52.220(c)(39)(ii)(C); Approved 6/14/78, 43 FR 25684, 40 CFR 52.220(c)(32)(iv)(A)	Y
409	<i>Combustion Contaminants</i>	5/7/76	Approved 9/8/78; 43 FR 40011; 40 CFR 52.220(c)(39)(ii)(C); Approved 6/14/78, 43 FR 25684, 40 CFR 52.220(c)(32)(iv)(A)	Y
430	<i>Breakdown Provisions</i>	Not in SIP	Applicable Version = Amended: 12/21/94, Applicable via Title V Program interim approval 02/05/96 61 FR 4217	Y
431	<i>Sulfur Content of Fuels</i>	10/8/1976	Approved 9/8/1978, 43 FR 40011, 40 CFR 52.220(c)(37)(i)(B) and 40 CFR 52.220(c)(39)(ii)(B)	Y

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442	<i>Usage of Solvents</i>	2/27/06	Approved 09/17/2007, 72 FR 52791, 40 CFR 52.220(c)(347)(i)(C)(1)	Y
900	<i>Standards of Performance for New Stationary Sources</i>	2/28/11	Delegated by USEPA	Y
1000	<i>National Emissions Standards from Hazardous Air Pollutants</i>	2/28/11	Delegated by USEPA	Y
1104	<i>Organic Solvent Degreasing Operations</i>	9/28/94	Approved: 4/30/96, 61 FR 18962, 40 CFR 52.220(c)(207)(I)(D)(2)	Y
1113	<i>Architectural Coatings</i>	4/23/12	Approved: 1/03/14, 79 FR 364, 40 CFR 52.220(c)(428)(i)(C)	Y
1115	<i>Metal Parts and Products Coating Operations</i>	4/22/96	Approved 12/23/97, 62 FR 67002, 40 CFR 52.220(c)(239)(i)(A)(2)	Y
1161	<i>Cement Kilns</i>	3/25/02	Approved 1/2/02, 67 FR 19, 40 CFR 52.220(c)(287)(i)(A)(1)	Y

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1302	<i>NSR - Procedure</i>	3/25/96	Approved 11/13/1996, 61 FR 58133, 40 CFR 52.220(c)(239)(i)(A)(1)	Y
Regulation XII	<i>Federal Operating Permits</i>	<i>1201- 1210: 9/26/05 1200 & 1211: 2/28/11</i>	SIP: Not SIP. Final Title V Program Approval 11/21/03 68 FR 65637; Partial Withdrawal of approval 10/15/02 67 FR 63551; Notice of Deficiency 05/22/02 67 FR 35990; Approval 12/17/01 66 FR 63503; Interim Approval 02/05/96 61 FR 4217	