
***MOJAVE DESERT
AIR QUALITY MANAGEMENT DISTRICT***

Federal Operating Permit 121902118

For:

Unlimited Performance Products

Facility:

Unlimited Performance Products

Issue Date: TBD

Expiration Date: TBD

Issued by:

Brad Poiriez

Executive Director/

Air Pollution Control Officer

Permit Revisions

December 2018 - Permit Renewal. See SLFB for comprehensive analysis of Title V Permit updates.

Changes made by Chris Anderson

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PART I
INTRODUCTORY INFORMATION

A. **FACILITY IDENTIFYING INFORMATION:**

Owner/Company Name: Unlimited Performance Products

Facility Names: Unlimited Performance Products

Facility Location: 8770 Caliente Road, Hesperia, CA 92345

Mailing Address: 8770 Caliente Street Road, Hesperia, CA 92345

Federal Operating Permit Number: 121902118

MDAQMD Company Number: 1219

MDAQMD Facility Number: 2118

Responsible Official: Nick Adams
Owner
760-948-0055

Facility "Site" Contact(s): Nick Adams
Owner
760-948-0055
net55@aol.com

Facility "Off Site" Contact(s): None

Nature of Business: Fiberglass Automobile Parts Manufacturer
Fiberglass Composite Boat Manufacturer

SIC/NAICS Code: 3714/336390 – Fiberglass Automobile Parts
3732/336612 – Boat Building and Repairing

Facility Coordinates UTM (km) 462.801E/3807.788N

MDAQMD Federal Operating Permit
Unlimited Performance Products
Federal Operating Permit Number: 121902118

Owner/Company Name: Unlimited Performance Products

Owner Mailing Address: Unlimited Performance Products
8770 Caliente Street
Hesperia, California 92345

Facility Name: Unlimited Performance Products
Facility Location: 8770 Caliente Street
Hesperia, California 92345

MDAQMD Federal Operating Permit Number: 121902118

MDAQMD Company Number: 1219

MDAQMD Facility Number: 02118

Responsible Official: Nick Adams
Title: Owner
Phone Number: 760-948-0055

Facility "Site" Contacts: Nick Adams
Phone Number: 760-948-0055
Fax Number: 760-947-8333

Nature of Business: Fiberglass Automobile Parts Manufacturer
Fiberglass Composite Boat Manufacturer

SIC Code(s): 3714 – Fiberglass Automobile Parts
3732 – Boat Building and Repairing

Facility Location: UTM (Km) 473 E / 3808 N

B. DESCRIPTION OF FACILITY:

Federal Operating Permit (FOP number 121902118)

For automotive parts manufacturing: A fiberglass mold of the automobile part is sprayed with a mixture of gel coat and catalyst using a spray gun in the spray booth. The gel coat then hardens at ambient temperature. Next, hand lay-up of fiberglass and polyester resin is carried out in the fiberglass lay-up room. Polyester resin is applied by brush in the hand lay-up operation.

For boats manufacturing: A fiberglass mold of a boat component is sprayed with a mixture of gel coat and catalyst using a spray gun. After the gel coat is hardened, vinyl ester or polyester ester resin is applied by wet-out guns or hand lay-up as lamination layers. After the lamination layers cure, boat components are then assembled into boat sections using adhesive and resin applications. These boat sections are further integrated to form the actual boat. The boat is then worked on to increase its aesthetic value followed by quality control/quality assurance. Finally, the boat is shipped out to customers.

C. EQUIPMENT DESCRIPTION:

Spray Application Equipment, MDAQMD Permit # S008265:
Mondragon, Model PFDF 16-10-27 floor style type spray booth, 27' long x 16' wide x 10' high, with 46 - 20" x 20" paint arrestor filter cells; 5 hp exhaust fan.

Spray Application Equipment, MDAQMD ~~Authority to Construct~~ Permit # S007781:
Spray Zone, Inc., Model SZ-FAF50S, 50' 4" long x 27' wide x 17' 8" high, with 56 - 20" x 20" x 2" exhaust filters, and 2 - 7.5 hp exhaust fans.

Spray Application Equipment, MDAQMD ~~Authority to Construct~~ Permit # S007782:
Binks, Model 30-720, 14' 0" long x 13' 6" wide x 9' 0" high, with 18 - 20" x 20" x 2" exhaust filters, and 2 hp exhaust fan.

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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 person shall not operate or use any equipment, the use of which may cause the issuance of air contaminants or the use of which may reduce or control the issuance of air contaminants, without first obtaining a written permit from the Air Pollution Control Officer or except as provided in District Rule 202. A permit is required to operate this facility.
~~[District Rule 203—Permit to Operate; Version in State Implementation Plan (SIP) = California Air Resources Board (CARB) Ex. Order G-73, 40 Code of Federal Regulations (CFR) 52.220(e)(39)(ii)(B) — 11/09/78 43 Federal Register (FR) 52237; Current Rule Version = 07/25/77]~~
2. The equipment at this facility shall not be operated contrary to the conditions specified in the District Permit to Operate.
~~[District Rule 203—Permit to Operate; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(e)(39)(ii)(B) — 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]~~
3. The Air Pollution Control Officer (APCO) may impose written conditions on any permit.
~~[District Rule 204—Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(e)(39)(ii)(B) — 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]~~
4. Commencing work or operation under a permit shall be deemed acceptance of all the conditions so specified.
~~[District Rule 204—Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(e)(39)(ii)(B) — 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]~~
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.
~~[District Rule 206—Posting of Permit to Operate; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(e)(39)(ii)(B) — 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]~~
6. Owner/Operator shall not willfully deface, alter, forge, or falsify any permit issued

under District rules.

~~[District Rule 207—Altering or Falsifying of Permit; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(e)(39)(ii)(B) and 52.220(e)(31)(vi)(C)—11/09/78 43 FR 52237; Current Rule Version = 07/25/77]~~

7. Permits are not transferable.

~~[District Rule 209—Transfer and Voiding of Permit; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(e)(39)(ii)(B)—11/09/78 43 FR 52237; Current Rule Version = 07/25/77]~~

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. In the event of such requirements, the Air Pollution Control Officer shall notify the Owner/Operator in writing of the required size, number and location of sampling ports; the size and location of the sampling platform; the access to the sampling platform, and the utilities for operating the sampling and testing equipment. The platform and access shall be constructed in accordance with the General Industry Safety Orders of the State of California.

~~[District Rule 217—Provision for Sampling And Testing Facilities; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(e)(31)(vi)(C)—02/01/77 43 FR 52237; Current Rule Version = 07/25/77]~~

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.

~~[District SIP Pending: Rule 219—Equipment Not Requiring a Written Permit as amended on 4/25/05, submission SIP Pending; SIP Approved San Bernardino County portion 6/6/1977, 40 CFR 52.220(e)(39)(ii)(B); SIP Approved Riverside County portion SCAQMD Rule 219 as amended 9/4/1981, 40 CFR 52.220(e)(103)(xviii)(A), Current Rule Version = 08/23/10]~~

10. The Owner/Operator of this facility shall obtain a Federal Operating Permit for operation of this facility.

~~[District Rule 221—Federal Operating Permit Requirement; Version in SIP = 2/21/94, 40 CFR 52.220(e)(216)(i)(A)(2)—02/05/96 61 FR 4217, Current Rule Version = 002/28/11]~~

11. Owner/Operator shall pay all applicable MDAQMD permit fees.

~~[District Rule 301—Permit Fees; Applicable Version = 8/22/11 effective 01/01/2012), Applicable via Title V Program interim approval 02/05/96 61 FR 4217, Current Rule Version = 8/22/11]~~

12. Owner/Operator shall pay all applicable MDAQMD Title V Permit fees.
~~[District Rule 312—Fees for Federal Operating Permits; Applicable Version = Amended: 12/21/94, Applicable via Title V Program interim approval 02/05/96 61 FR 4217]~~
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. Owner/Operator shall not discharge into the atmosphere from any single source of emission whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:
 - ~~(a) As dark or darker in shade as that designated No. 1 on the Ringelmann Chart, as published by the United States Bureau of Mines, or~~
 - ~~(b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subsection (a) of this rule.~~~~~~
- ~~[District Rule 204—Permit Conditions; Version in SIP = CARB Ex. Order G 73, 40 CFR 52.220(e)(39)(ii)(B) 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]~~
~~]; District Rule 401-401—Visible Emissions; Version in SIP = CARB Ex. Order G 73, 40 CFR 52.220(e)(39)(ii)(C) 09/08/78 43 FR 40011; Current Rule Version = 07/25/77]~~
~~f; 40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]~~

14. ~~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. Owner/Operator must adhere to the provisions of District Rule 403, *Fugitive Dust*, including the following provisions:~~
- ~~(a) A person shall not cause or allow the emissions of fugitive dust from any transport, handling, construction or storage activity so that the presence of such dust remains visible in the atmosphere beyond the property line of the emission source (does not apply to emissions emanating from unpaved roadways open to public travel or farm roads. This exclusion shall not apply to industrial or commercial facilities).~~
 - ~~(b) A person shall take every reasonable precaution to minimize fugitive dust emissions from wrecking, excavation, grading, clearing of land and solid waste disposal operations.~~
 - ~~(c) A person shall not cause or allow particulate matter to exceed 100 micrograms per cubic meter when determined as the difference between upwind and downwind samples collected on high volume samplers at the property line for a minimum of five hours.~~
 - ~~(d) A person shall take every reasonable precaution to prevent visible particulate matter from being deposited upon public roadways as a direct result of their operations. Reasonable precautions shall include, but are not limited to, the removal of particulate matter from equipment prior to movement on paved streets or the prompt removal of any material from paved streets onto which such material has been deposited.
[District Rule 403—*Fugitive Dust*; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B)—09/08/78 43 FR 40011; Current Rule Version = 07/25/77]~~
15. 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. ~~[SIP Pending; District Rule 403.2—*Fugitive Dust Control for the Mojave Desert Planning Area Submitted as adopted 7/22/97 on 10/18/96*]~~
16. 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.
- ~~[District Rule 404—*Particulate Matter Concentration*; Version in SIP = Current, 40~~

~~CFR 52.220(e)(42)(xiii)(A)–12/21/78 43 FR 52489]~~

17. 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.

~~[District Rule 405—Solid Particulate Matter, Weight; Version in SIP = Current, 40 CFR 52.220(e)(42)(xiii)(A)–12/21/78 43 FR 52489]~~

18. 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.

~~[District Rule 406—Specific Contaminants; Version in SIP = 07/25/77, 40 CFR 52.220(e)(42)(xiii)(A)–12/21/78 43 FR 52489, Subpart (a) only; Current Rule Version = 02/20/79]~~

19. 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.

~~[District Rule 407—Liquid and Gaseous Air Contaminants; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(e)(39)(ii)(C)–09/08/78 43 FR 40011; Current Rule Version = 07/25/77]~~

20. 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.

~~[District Rule 408—Circumvention; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(e)(39)(ii)(C)–09/08/78 43 FR 40011; Current Rule Version = 07/25/77]~~

21. 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.

~~[District Rule 409—Combustion Contaminants; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(e)(39)(ii)(C)—09/08/78 43 FR 40011; Current Rule Version = 07/25/77]~~

22. 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).

~~[SIP Pending; District- Rule 430—Breakdown Provisions as amended 12/21/94 and submitted 02/24/95]~~

23. ~~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.~~
- ~~[SIP: Not SIP: Rule 441—Research Operations Disapproved 1/16/81 and 40 CFR 52.272(a)(9)(i)]~~

The owner/operator of this facility shall meet the following emission and operating requirements:

- (a) Shall not discharge VOCs into the atmosphere from all VOC containing materials, Emissions Units, equipment or processes subject to District Rule 442, in excess of 540 kilograms (1,190 pounds) per month at this Facility.

- (i) Compliance with the VOC limit above may be obtained through use of any of the following or any combination thereof:
 - a. Product reformulation or substitution;
 - b. Process changes;
 - c. Improvement of operational efficiency;
 - d. Development of innovative technology;
 - e. Operation of emission collection and control system that reduces overall emissions by eighty-five percent (85%).
 - (b) Shall not discharge into the atmosphere a non-VOC organic solvent in excess of 272 kilograms (600 pounds) per day as calculated on a thirty (30) day rolling average. For purposes of VOC quantification, discharge shall include a drying period of 12 hours following the application of such non-VOC solvents.
 - (c) The provisions of this condition shall not apply to:
 - (i) The manufacture, transport or storage of organic solvents, or the transport or storage of materials containing organic solvents.
 - (ii) The emissions of VOCs from VOC-containing materials or equipment which are subject to District Regulation IV rules or which are exempt from air pollution control requirements by such rules.
 - (iii) The use of pesticides including insecticides, rodenticides or herbicides.
 - (iv) The use of 1,1,1 trichloroethane, methylene chloride and trichlorotrifluoroethane.
 - (v) Aerosol products.
 - (vi) VOC containing materials or equipment which is not subject to VOC limits of any rule found in District Regulation XI – Source Specific Standards.
 - (d) Owner/operator shall maintain daily usage records for all VOC-containing materials subject to this condition. The records shall be retained for five years and be made available upon request. VOC records shall include but not be limited to:
 - (i) The amount, type and VOC content of each solvent used; and
 - (ii) The method of application and substrate type; and
 - (iii) The permit units involved in the operation (if any).
 - (e) Determination of VOC Content in Solvent-containing materials, Presence of VOC in Clean-up Materials, or Determination of Efficiency of Emission Control Systems must be made in accordance with methods and provisions of District Rule 442.
- ~~24. 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.~~

~~[SIP: District Rule 442—Usage of Solvents, Current rule book version = 2/27/06, SIP approved 5/8/07, 72 FR 52791, 40 CFR 52.220(e)(347)(i)(e)(1); approved 6/9/82, 47 FR 25013, 40 CFR 52.220(e)(51)(xii)(B); approved 9/8/78, 43 FR 40011, 40 CFR 52.220(e)(39)(ii)(C)]~~

245. 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)).

~~[District Rule 444—Open Outdoor Fires, version in SIP = Submitted as adopted 5/8/07 40 CFR 52.220(e)(350)(B)(1); FR date 10/31/2007, 72 FR 61525, Current Rule Version = 09/25/06]~~

256. ~~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.~~

~~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)). Owner/Operator of this facility shall comply with the *Organic Solvent Degreasing Operations* requirements of District 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 District 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 either 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) District Rule 442 Applicability: Any solvent using operation or facility which is not subject to the source-specific District Rule 1104 shall comply with the provisions of District 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 District Rule 1104 shall be subject to the applicable provisions of District Rule 442.
- (h) Solvent Usage Records. Owner/Operator subject to District Rule 1104 or

claiming any exemption under District Rule 1104, Section (E), shall comply with the following requirements:

(i) 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:

a. Product name(s) used in the degreaser, and

b. The mix ratio of solvent compounds mixtures of solvents are used, and

c. VOC content of solvent or mixture of compounds as used, and

d. The total volume of the solvent(s) used for the facility, on a monthly basis, and

e. The name and total volume applied of wipe cleaning solvent(s) used, on a monthly basis.

(ii) 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.

(iii) Documentation shall be maintained on site of the disposal or on-site recycling of any waste solvent or residues.

(4) (iv) 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 District Rule 1203(D)(1)(d)(ii)).

[District Rule 1104—*Organic Solvent Degreasing Operations*; Version in SIP = Current, 40 CFR 52.220(e)(207)(i)(D)(2)—04/30/96 61 FR 18962, effective 11/30/94]

267. Owner/Operator's use of *Architectural Coatings* at this facility shall comply with the applicable requirements of District Rule 1113, including the VOC limits specified in District Rule 1113, sectionpart C, Table of Standards, as listed below:

Table 1
 VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS

Limits are expressed in grams of VOC per liter of Coating^a 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.

Coating Category	Effective, 01/01/2013
Primary Coatings	
Flat Coatings	50
Nonflat Coatings	100
Nonflat-High Gloss Coatings	150
Specialty Coatings	
Aluminum Roof Coatings	400
Basement Specialty Coatings	400
Bituminous Roof Coatings	50
Bituminous Roof Primers	350
Bond Breakers	350
Concrete Curing Compounds	350
Concrete/Masonry Sealers	100
Driveway Sealers	50
Dry Fog Coatings	150
Faux Finishing Coatings	350
Fire Resistive Coatings	350
Floor Coatings	100
Form-Release Compounds	250
Graphic Arts Coatings (Sign Paints)	500
High Temperature Coatings	420
Industrial Maintenance Coatings	250
Low Solids Coatings	120 _a
Magnesite Cement Coatings	450
Mastic Texture Coatings	100
Metallic Pigmented Coatings	500
Multi-Color Coatings	250
Pre-Treatment Wash Primers	420
Primers, Sealers, and Undercoaters	100
Reactive Penetrating Sealers	350
Recycled Coatings	250
Roof Coatings	50

Coating Category	Effective, 01/01/2013
Rust Preventative Coatings	250
Shellacs:	
Clear	730
Opaque	550
Specialty Primers, Sealers, and Undercoaters	100
Stains	250
Stone Consolidants	450
Swimming Pool Coatings	340
Traffic Marking Coatings	100
Tub and Tile Refinish Coatings	420
Waterproofing Membranes	250
Wood Coatings	275
Wood Preservatives	350
Zinc-Rich Primers	340
a: Limit is expressed as VOC Actual (G)(1)(a)(ii)	

Table 2
 VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS

Effective January 1, 2013 the coating categories in Table 2 are eliminated and will be subject to the VOC limit of the applicable category in Table 1, except as provided in Section (C)(2), (C)(3), and (C)(5) of Rule 1113.

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.

Coating Category	Effective 02/24/2003
Antenna Coatings	530
Antifouling Coatings	400
Clear Wood Coatings	
Clear Brushing Lacquers	680
Lacquers (including lacquer sanding sealers)	550
Sanding Sealers (other than lacquer sanding sealers)	350
Varnishes	350

	On and After 7/1/2005
Clear Sealers	275 (2.3)
Clear Topcoat	275 (2.3)
Pigmented Primers, Sealers and Undercoats	275 (2.3)
Pigmented Topcoats	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:~~

~~(e) ————— 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)

LIMITS

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

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

<u>Coating</u>	<u>Air Dried</u>	<u>Baked</u>
<u>(lb/gal)</u>	<u>g/L</u>	<u>(lb/gal) g/L</u>
<u>General</u>	<u>420 (3.5)</u>	<u>360 (3.0)</u>
<u>Military Specification</u>	<u>420 (3.5)</u>	<u>360 (3.0)</u>
<u>Etching Filler</u>	<u>420 (3.5)</u>	<u>420 (3.5)</u>
<u>Solar Absorbent</u>	<u>420 (3.5)</u>	<u>360 (3.0)</u>
<u>Heat Resistant</u>	<u>420 (3.5)</u>	<u>360 (3.0)</u>

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)

~~[District Rule 1115—Metal Parts and Products Coating Operations; Version in SIP—Current, 40 CFR 52.220(e)(239)(i)(A)(2)—12/23/97 62 FR 67002, effective 2/23/98]~~

3029. 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:

Automotive Coating Categories and VOC Limits

<u>Coating Categories</u>	<u>VOC Regulatory Limit, as applied, in grams per Liter (pounds per gallon)</u> <u>Effective on and after 7/1/2011</u>
<u>Adhesion Promoter</u>	<u>540 (4.5)</u>
<u>Clear Coating</u>	<u>250 (2.1)</u>
<u>Color Coating</u>	<u>420 (3.5)</u>
<u>Multi-color Coating</u>	<u>680 (5.7)</u>
<u>Pretreatment Coating</u>	<u>660 (5.5)</u>
<u>Primer</u>	<u>250 (2.1)</u>
<u>Primer Sealer</u>	<u>250 (2.1)</u>

<u>Single-stage Coating</u>	<u>340 (2.8)</u>
<u>Temporary Protective Coating</u>	<u>60 (0.5)</u>
<u>Truck Bed Liner Coating</u>	<u>310 (2.6)</u>
<u>Underbody Coating</u>	<u>430 (3.6)</u>
<u>Uniform Finish Coating</u>	<u>540 (4.5)</u>
<u>Any Other Coating Type</u>	<u>250 (2.1)</u>

~~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)

~~Compliance with the VOC limits shall be based on VOC content, including any VOC material added to the original coating supplied by the manufacturer, less water and Exempt Compounds, as applied to the Motor Vehicle, Mobile Equipment, or Associated Parts or Components.~~

~~[Rule 1116 - Automotive Finishing Operations; Submitted as amended 08/23/10, SIP pending; Current version in SIP 4/26/99, approved 04/10/00, 65 FR 18901, 40 CFR 52.220(c)(268)(i)(8)(B)(1); Approved 6/13/95, 60 FR 31081, 40 CFR 52.220(c)(216)(i)(A)(1); Approved 12/20/93, 58 FR 66283, 40 CFR 52.220(c)(188)(i)(B)(1)]~~

30. Owner/Operator's use of Reinforced Plastic Composites at this facility shall comply with all of the applicable requirements of Rule 1162, including the VOC limits specified in Rule 1162, as listed below:

(a) Owner/Operator shall comply with one of the process or control requirements listed below in (1) and (2):

(i) Use materials in an Open Molding Process that comply with the limits in Table 1. In addition to complying with Table 1 limits, the non-Monomer VOC content of each Resin and Gel Coat shall not contain more than five percent (5%) by weight of the Resin or Gel Coat.

<u>Table 1*</u>	
<u>Monomer Content for Open Molding Resin and Gel Coat Process</u>	
<u>Material</u>	<u>Weight Average Monomer VOC content (weight percent) limit</u>
<u>General Purpose Polyester Resin</u>	<u>-</u>
<u> Marble Resin</u>	<u>10 % (32% as supplied, no Fillers)</u>
<u> Solid Surface Resin</u>	<u>17%</u>
<u> Tub/Shower Resin</u>	<u>24% (35% as supplied, no Fillers)</u>
<u> Lamination Resin</u>	<u>31% (35% as supplied, no Fillers)</u>
<u>Tooling Resin</u>	<u>-</u>
<u> Atomized (spray)</u>	<u>30%</u>
<u> Non-Atomized</u>	<u>39%</u>
<u>Specialty Resin</u>	<u>-</u>
<u> Fire Retardant</u>	<u>38%</u>
<u> High-Strength*</u>	<u>-</u>
<u> Mechanical (Non-Atomizing)</u>	<u>46.2%</u>
<u> Filament Application</u>	<u>42%</u>
<u> Manual Application</u>	<u>40%</u>
<u> Corrosion-Resistant</u>	<u>48%</u>
<u>All other Resin</u>	<u>35%</u>
<u>Tooling Gel Coat</u>	<u>40%</u>
<u>Pigmented Gel Coat</u>	<u>-</u>
<u> White and Off -White</u>	<u>30%</u>
<u> Non-White</u>	<u>37%</u>
<u> Primer</u>	<u>28%</u>
<u> Clear Gel Coat for use with Marble Resin</u>	<u>40%</u>

<u>Clear Gel Coat for use with Other Resin</u>	<u>44%</u>
<u>Specialty Gel Coat</u>	<u>48%</u>
<u>Conductive Gel Coat</u>	<u>42%</u>

*Facilities that apply High-Strength Resins using Non-Atomized mechanical Application may use the same Resin for Manual Application during product assembly and/or reinforcement tie-ins, provided that the High-Strength Resin used for both application methods does not exceed the 46.2% Monomer content limit.

(ii) Resins and Gel Coats used for Touch-Up, Repair, or Small Jobs, may have a Monomer content limit up to ten percent (10%) more than the applicable limit in Table 1. Such Resins or Gel Coats shall only be applied by a hand-held Atomized spray gun which has a container no larger than one (1) quart for the Resin or Gel Coat as part of the gun. Resins or Gel Coats applied by another method shall comply with the applicable limit in Table 1. Total material use for all Small Jobs at a Facility shall not exceed two (2) gallons per day. (e) Complying formulations shall not be thinned or diluted with any VOC containing material or changed in any manner that may increase VOC emissions after testing, but prior to or during application.

[District Rule 1162(C)(1)(a) and (d)]

31. Owner/Operator's use of Reinforced Plastic Composites in Fiberglass Boat Manufacturing Operations at this facility shall comply with the applicable requirements of Rule 1162, including those listed below;

<u>Table 2</u> <u>Monomer VOC Limits for Open Molding Resin and Gel Coat Process for Fiberglass Boat Manufacturing Operations</u>		
<u>Material</u>	<u>Application Method</u>	<u>Weight Average Monomer VOC content (weight percent) limit</u>
<u>Production Resin</u>	<u>Atomized (spray)</u>	<u>28%</u>
<u>Production Resin</u>	<u>Non-Atomized</u>	<u>35%</u>
<u>Pigmented Gel Coat</u>	<u>Any method</u>	<u>33%</u>
<u>Clear Gel Coat</u>	<u>Any method</u>	<u>48%</u>
<u>Tooling Resin</u>	<u>Atomized (spray)</u>	<u>30%</u>
<u>Tooling Resin</u>	<u>Non-Atomized</u>	<u>39%</u>
<u>Tooling Gel Coat</u>	<u>Any method</u>	<u>40%</u>

- (a) Table 2 materials used for part or Mold Repair and Touch-Up are exempt from Monomer VOC limits so long as they don't exceed one percent (1%) by weight of all Resin and Gel Coat used at a Facility on a 12-month rolling-average basis
- (b) Table 2 Monomer and non-Monomer VOC limits shall not be applied to pure, 100-percent Vinylester Resin used for Skin Coats.
 - (i) Pure, 100-percent Vinylester Resin used for Skin Coats shall be applied with Non-Atomizing Resin Application Equipment.
 - (ii) The total amount of pure, 100-percent Vinylester Resin used for Skin Coats shall not exceed five percent (5%) by weight of all Resin used at a Facility on a 12-month rolling average.

~~342.~~ Owner/Operator shall comply with all requirements of the District's Title V Program, MDAQMD Rules 1200 through 1211 (Regulation XII - *Federal Operating Permits*). ~~[SIP: Not SIP. 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, program amendment 02/28/11, approval pending]~~

~~33.~~ Owner/Operator shall comply with the requirements of 40 CFR 63, Subpart A – *National Emission Standards for Hazardous Air Pollutants: General Provisions and 40 CFR 63, Subpart VVVV – National Emission Standards for Hazardous Air Pollutants for Boat Manufacturing.*
[40 CFR 63, Subpart A and VVVV]

~~34.~~ Owner/Operator shall comply with the requirements of 40 CFR 63, Subpart A – *National Emission Standards for Hazardous Air Pollutants: General Provisions and 40 CFR 63, Subpart WWWW – National Emission Standards for Hazardous Air Pollutants for Reinforced Plastic Composites Production.*
[40 CFR 63, Subpart A and WWWW]

B. FACILITYWIDE MONITORING, RECORDKEEPING AND REPORTING REQUIREMENTS:

1. Any data and records generated and/or kept pursuant to the requirements in this federal operating permit (Title 5 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 qualified District, CARB or EPA personnel upon request.
[40 CFR 70.6(a)(3)(ii)(B); District 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.

~~[District Rule 204—Permit Conditions; Version in SIP = CARB Ex. Order G 73, 40 CFR 52.220(e)(39)(ii)(B) 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]~~

34.

- ~~(a)~~ Owner/Operator shall submit, annually, a Compliance Certifications as prescribed by District Rules 1203(F)(1) and ~~Rule~~-1208. The Compliance Certification, submitteds 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.

~~[District Rule 1203(D)(1)(g)(v-x); District Rule 1203(F)(1); District Rule 1208]~~

~~[40 CFR 72.90.a; 40 CFR 70.6(c)(5)(i)]~~~~[40 CFR 70.6(c)(5)(i); Rule 1203(D)(1)(g)(vii); Rule 1203(F)(1); Rule 1208]~~

- ~~(ab)~~ 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)]~~

- ~~(be)~~ Owner/Operator when submitting any *Compliance Certification(s)* to the MDAQMD shall contemporaneously submit such *Compliance Certification(s)* to USEPA.

~~[40 CFR 70.6(5)(iii); Rule 1203(D)(1)(g)(ix)]~~

- ~~(ce)~~ Owner/Operator shall comply with any additional certification requirements as specified in 42 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)]~~

- ~~(de)~~ Owner/operator shall submit a Compliance Certification Report to the APCO/District on an annual basis. The Compliance Certification Report shall be postmarked by August 30 of each year. Each report must cover the previous calendar year and shall be certified to be true, accurate, and complete by "The Responsible Official". A copy of this annual report shall also be contemporaneously submitted to the EPA Region IX Administrator. The annual

certification period is January 1st through December 31st and shall be submitted no later than January 31st of each year.

~~[40 CFR 72.90.a; Rule 1203 (D)(1)(g)(v-x)]~~

54. Owner/Operator shall submit, on a semi-annual basis, a *Monitoring Report of Deviations* to the APCO/District, with a copy to the EPA Region IX Administrator. ~~Each *Monitoring Report of Deviations*. Each report shall cover the periods **July 29 to January 28** and **January 29 to July 28** and be postmarked by the 30th day following the end of the reporting period.~~ *This Monitoring Report of Deviations* 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 ~~all reportable~~ 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.

(d) Summary of necessary requirements concerning use and maintenance of equipment including the installation and maintenance of monitoring equipment.

(e) The semi-annual reporting period shall be submitted as follows:

(i) January 1st through June 30th, due no later than July 31st of each year; and.

~~(d)~~ (ii) July 1st through December 31st, due no later than January 31st of each year.

~~[District Rules 1203(D)(1)(c)(i - iii); 1203(D)(1)(d)(i); Rule 1203(D)(1)(e)(i - ii); Rule 1203(D)(1)(g)(v - x)]~~

65. 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.

[SIP Pending: Rule 430 - Breakdown Provisions as amended 12/21/94 and submitted 2/24/95]

- (b) Other deviations from permit conditions not involving excess emissions of air contaminants shall be reported to the District with any required monitoring reports at least every six (6) months.

[Rule 1203(D)(1)(e)(i)]

76. 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 District 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.

[District Rules 1201 (I)(3)(iii); ~~Rule~~ 1203 (D)(1)(e)(ii); ~~Rule~~ 1203 (D)(1)(g)(v)]

C. **FACILITYWIDE COMPLIANCE CONDITIONS:**

1. Subject to safety, security, and operational considerations, 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, upon presentation of credentials and other documents as may be required by law.
[40 CFR 70.6(c)(2)(i); District 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); District 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); District 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); District Rule 1203(D)(1)(g)(iv)]
5. Owner/Operator shall remain in compliance with all ~~conditions contained 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.
[District Rule 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.
[District Rules- 1201 (I)(2) ~~and;~~ Rule 1203(D)(1)(g)(v)]

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

A. DESCRIPTION OF FACILITY:

For automotive parts manufacturing: A fiberglass mold of the automobile part is sprayed with a mixture of gel coat and catalyst using a spray gun in the spray booth. The gel coat then hardens at ambient temperature. Next, hand lay-up of fiberglass and polyester resin is carried out in the fiberglass lay-up room. Polyester resin is applied by brush in the hand lay-up operation.

For boats manufacturing: A fiberglass mold of a boat component is sprayed with a mixture of gel coat and catalyst using a spray gun. After the gel coat is hardened, vinyl ester or polyester ester resin is applied by wet-out guns or hand lay-up as laminations layers. After the lamination layers cure, boat components are then assembled into boat sections using adhesive and resin applications. These boat sections are further integrated to form the actual boat. The boat is then worked on to increase its aesthetic value followed by quality control/quality assurance. Finally, the boat is shipped out to customers.

B. EQUIPMENT DESCRIPTION & PERMIT CONDITIONS:

Spray Application Equipment, MDAQMD Permit # S008265:
Mondragon, Model PFDF 16-10-27 floor style type spray booth, 27' long x 16' wide x 10' high, with 46 - 20" x 20" paint arrestor filter cells; 5 hp exhaust fan.

Spray Application Equipment, MDAQMD Permit # S007781:
Spray Zone, Inc., Model SZ-FAF50S, 50' 4" long x 27' wide x 17' 8" high, with 56 - 20" x 20" x 2" exhaust filters, and 2 - 7.5 hp exhaust fans.

Spray Application Equipment, MDAQMD Permit # S007782:

Binks, Model 30-720, 14' 0" long x 13' 6" wide x 9' 0" high, with 18 - 20" x 20" x 2" exhaust filters, and 2 hp exhaust fan.

1. The owner/operator (o/o) shall operate and maintain this equipment in strict accord with those recommendations of the manufacturer and/or sound engineering practices which produce the minimum emissions of contaminants.

[[District Rule 204](#)]

2. The o/o shall not use gel coating application methods other than HVLP flow coat/chopper spray gun or hand layup unless prior written approval is obtained from the District.

-[[District Rules 204 and 1162](#)]

3. Organic solvents used in this equipment shall be clearly labeled as non-photochemically reactive by the supplier or, for bulk shipments, shown to be non-photochemically reactive on bills of lading or invoices.

-[[District Rule 204](#)]

4. This facility must not use cleaning solvents that contain HAP, except that styrene may be used as a cleaner in closed systems, and organic HAP containing cleaners may be used to clean cured resin from application equipment. Application equipment includes any equipment that directly contacts resin.

-[40 CFR 63 Subpart WWWW §63.5805]

5. This facility must keep containers that store VOC and/or HAP-containing materials closed or covered except during the addition or removal of materials. Bulk VOC and/or HAP-containing materials storage tanks may be vented as necessary for safety. Conduct visual inspections of any container which holds organic HAP containing material to ensure that the containers have covers and that there are no visible gaps.

[40 CFR 63 Subpart VVVV §63.5734(b) and Subpart WWWW§63.5805]

6. The owner/operator shall maintain a log for the facility, which, at a minimum, contains the information specified below. This log shall be maintained for a minimum five (5) years, and shall be provided to District, state or federal personnel on request:

- a. Date of operation;
- b. Method of application and type of substrate for each use.
- c. Manufacturer, type, and amount (in pounds, gallons, tons, liter, etc.) of gel coat, resin, coating and solvent used (preparation, thinning, cleanup or other);
- d. Copies of the Environmental Data Sheet and/or Material Safety Data Sheet (MSDS) for each coating, diluents, thinner, and solvent used

- e. VOC and HAP(s) content of each type of gel coat, resin, coating and solvent in pounds per pound, pounds per gallon or grams per liter;
- f. Total VOC and HAP(s) emissions in pounds per day;
- g. monthly HAP calculations specified in condition 9 to demonstrate compliance with 40 CFR 63 Subpart WWWW
- h. monthly HAP calculations specified in condition 8 to demonstrate compliance with 40 CFR 63 Subpart VVVV
- i. 30 day rolling average of VOC emissions to demonstrate compliance with permit condition 14;
- j. 12 month rolling average of VOC emissions to demonstrate compliance with permit condition 15;
- k. Photochemically reactive organic solvent and organic solvent content of each type of resin, coating and solvent in pounds per gallon or grams per liter or percent (weight/weight);
- l. Total amount of photochemically reactive organic solvents used per day.
- m. log of monthly inspections/repairs of containers holding HAP containing materials as required by condition 5.

[40 CFR 63 subparts VVVV and WWWW; District Rules 204; 1202]

7. This equipment shall not be operated unless all exhaust air passes through tightly mounted filter media at least 2 inches thick.

[District Rule 204]

8. The owner operator shall demonstrate compliance with 40 CFR 63 subpart VVVV:

- a. Initial notification as required pursuant to §63.5761
- b. Semi-annual compliance report as specified in §63.5764, to be submitted to District and USEPA by January 31 and July 31 of each year
- c. prepare implementation plan as required by §63.5704(a)(4) and as specified by §63.5707. Implementation plan must be submitted to the District and USEPA.
- d. calculate HAP emission limit for open molding operations §63.5698(b) table 2. 12 month rolling average calculated at the end of each month
- e. calculate weighted-average MACT model point value for each open molding operation type used in calculating the HAP emissions calculated in f. below, §63.5710(c) and table 3
- f. calculate HAP emissions from open molding operations §63.5710(b) 12 month rolling average calculated at the end of each month
- e. 12 month rolling average HAP emissions must be less than the 12 month rolling average HAP emission limit to demonstrate compliance
- f. compliance for resin and gel coat cleaning operations demonstrated by permit conditions 4 and 5.

[40 CFR 63 subpart VVVV; District Rules 204; 1202]

9. The owner operator shall demonstrate compliance with 40 CFR subpart WWWW:
- a. Initial notification as required pursuant to §63.5905
 - b. Semi-annual compliance report as specified in §63.5910, to be submitted to District and USEPA by January 31 and July 31 of each year
 - c. calculate weighted average organic HAP emission limit for open molding operations §63.5810(c)(1) using limits from table 3 12 month rolling average calculated at the end of each month
 - d. calculate actual individual emission factors for each open molding operation type using equations in table 1
 - e. calculate actual weighted average organic HAP emissions factor from open molding operations §63.5810(c)(2) using calculated actual individual emission factors for all applicable open molding operation types 12 month rolling average calculated at the end of each month
 - f. 12 month rolling average organic HAP emission factor must be less than or equal to the corresponding 12-month rolling average organic HAP emission limit to demonstrate compliance
 - g. compliance for resin and gel coat cleaning and storage operations demonstrated by permit conditions 4 and 5.

[40 CFR 63 subpart WWWW; District Rules 204; 1202]

10. This facility shall be operated and maintained in compliance with District Rules 442 and 1162 and USEPA Rules known as National Emission Standards for Hazardous Air Pollutants (NESHAP) and Maximum Achievable Control Technology (MACT) Title 40 CFR 63 subparts WWWW and VVVV. In the event of conflict between these conditions, District rules and the MACTs the most stringent requirements shall govern.

[District Rule 204]

~~11. This facility is subject to the requirements of the District Rule 1162 and NESHAP/MACT standards Title 40 CFR 63 subparts VVVV, and WWWW. In the event of conflict between these conditions, District rules and the MACTs the most stringent requirements shall govern~~

- ~~112.~~ The owner operator shall not utilize coatings, thinners or cleaning materials in surface coating operations which contain organic HAP. [40 CFR 63 Subpart PPPP §63.4481(c)(1)]

- ~~123.~~ The owner operator shall not use any motor vehicle or mobile equipment coating that contains hexavalent chromium or cadmium (Title 17 CCR 93112 - Airborne Toxic Control Measure (ATCM) for Emissions of Hexavalent Chromium and Cadmium from Motor Vehicle and Mobile Equipment Coatings). Compliance with this condition shall be verified by the retention of MSDS sheets (or equivalent documentation of chemical content) for every applicable coating used at the facility for five (5) years, and provision of said information to District, state or federal personnel on request.

- ~~134.~~ The o/o shall limit daily VOCs emissions from this facility to 180 lb/day based on a 30-

day rolling average of those days of actual production. [District Rule 204]

15. This facility shall be limited to total VOC emissions as defined in Rule 1301 that can be released to the atmosphere from this facility shall not exceed 49,800 pounds (24.9 tons) per rolling twelve calendar month period. Emissions shall be calculated on a monthly basis using the equations in 40 CFR 63 subpart WWWW or by equation and/or method approved by the District in writing. Exceeding this facility emissions limit will trigger offsets and BACT review.

[District Rule 1303]

16. Owner/Operator shall comply with 40 CFR 63, Subpart VVVV Standards for Carpet and Fabric Adhesive Operations as follows:

a. Owner/Operator must use carpet and fabric adhesives that contain no more than 5 percent organic HAP by weight.

b. To demonstrate compliance with the emission limit in paragraph (a) of this section, the owner/operator must determine and record the organic HAP content of the carpet and fabric adhesives using the methods in 40 CFR 63.5758.

17. Upon request by the District, the facility must submit a facility wide accurate annual comprehensive emissions inventory data that includes all emissions from permitted, non-permitted and fugitive sources, in a format and by a calculation method approved by the District.

[District Rule 107(b), H&S Code 39607 & 44341-44342, and 40 CFR 51, Subpart A] ~~Rule 204~~

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); District 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); District 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); District 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); District 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); District 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); District 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 to determine whether cause exists for modifying, revoking and reissuing, terminating, or determining compliance with the Federal Operating Permit.

— [40 CFR 70.6(a)(6)(v); District Rule 1203(D)(1)(f)(vii)]

8. Owner/Operator shall furnish to qualified District, CARB or EPA 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); District 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); District 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); District 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); District 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); District 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); District 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); District Rule 1203(G)(3)(b)]

15. This facility is not subject to any Applicable Requirement Contained in the Acid Rain Program.

— [40 CFR 70.6(f)(3)(iii); District 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); District 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); District 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); District 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); District 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):

FacilityOwner/Operator individual State/District Permits are already conditioned to allow facility-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 facilityowner/operator State/District emissions cap is federally enforceable under the conditions of this Title V Permit.

FacilityOwner/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

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

A(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

(+i). The proposed change is not:

- a. Subject to any requirements under Title IV of the Federal Clean Air Act; or [See District Rule 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-District Rule 1203(E)(1)(c)(i) d.]
- d. The change does not violate any Federal, State or Local requirement, including an applicable requirement; and [See District Rule 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-District Rule 1203(E)(1)(c)(i)e.]

H2. Procedure for “Off Permit” Changes

- A(a).** If a proposed “Off Permit Change” qualifies under Part V, Section (~~AB~~)(I)(A)(1) above, permittee shall implement the change as follows:
- ~~(i).~~ Permittee shall apply for an Authority To Construct permit pursuant to the provisions of Regulation II. [~~See-District Rule~~ 1203(E)(1)(c)(i)b.]
- ~~2(ii).~~ 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-District Rule~~ 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-District Rule~~ 1203(E)(1)(c)(i)c.]
- ~~3(iii).~~ Permittee shall forward a copy of the application and notification to USEPA upon submitting it to the District. [~~See-District Rule~~ 1203(E)(1)(c)(i)a.]
- ~~B(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-District Rule~~ 1203(E)(1)(c)(i)a. and g.]
- ~~C(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-District Rule~~ 1203(E)(1)(c)(i)f.]
- ~~D(d).~~ Permittee shall include each Off-Permit Change made during the term of the permit in any renewal application submitted pursuant to ~~District~~ Rule 1202(B)(3)(b). [~~See-District Rule~~ 1203(E)(1)(c)(i)f.]

H3. Other Requirements:

- ~~A(a)~~ The provisions of Rule 1205 – Modifications do not apply to an Off Permit Change made pursuant to this condition.
- ~~B(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)]
[~~District Rule Rule~~ 1203(E)(1)(c)]

PART VI
CONVENTIONS, ABBREVIATIONS, DEFINITIONS,
MDAQMD APPLICABLE SIP

A. The following referencing conventions are used in this Federal Operating Permit:

- 40CFR72, Permits Regulation (Acid Rain Program)
- 40CFR73, Sulfur Dioxide Allowance System
- 40CFR75, Continuous Emission Monitoring
- 40CFR75, Subpart D, Missing Data Substitution Procedures
- 40CFR75, Appendix B, Quality Assurance and Quality Control Procedures
- 40CFR75, Appendix C, Missing Data Estimating Procedures
- 40CFR75, Appendix D, Optional SO₂ Emissions Data Protocol
- 40CFR75, Appendix F, Conversion Procedures
- 40CFR75, 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 used in this permit are as follows:

CFR	Code of Federal Regulations
APCO	Air Pollution Control Officer
bhp	brake horsepower
Btu	British thermal units
CEMS	continuous emissions monitoring system
CO	carbon monoxide
CO ₂carbon dioxide
District	Mojave Desert Air Quality Management District (formed July 1993)
hp	horsepower
MDAQMD	Mojave Desert Air Quality Management District (formed July 1993)
PM ₁₀	particulate matter less than 10 microns mean aerodynamic diameter
psia	pounds per square inch absolute
SIC	Standard Industrial Classification
SIP	State of California Implementation Plan
SO ₂	sulfur dioxide

PART VII
DISTRICT SIP HISTORY AND CITATIONS

A. District Rule SIP History

- 1. For Rule SIP History including approval, pending approval, etc, see:**
<http://www.mdaqmd.ca.gov/Modules/ShowDocument.aspx?documentid=45>

B. District Rule SIP Information

- 1. SIP status and federal enforceability of District Rules are identified in Table 1- SIP INFORMATION (See Below).**

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TABLE 1- SIP INFORMATION

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

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<u>District Rule</u>	<u>Title</u>	<u>SIP Rule Version</u>	<u>Citation</u>	<u>Federally Enforceable</u>	<u>Notes</u>
<u>219</u>	<u>Equipment Not Requiring a Written Permit</u>	<u>SB - 6/6/77</u> <u>RC - 9/4/81</u>	<u>SB - [SIP: 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)]</u> <u>RC - [SIP: Approved 7/6/82, 47 FR 29231, 40 CFR 52.220(c)(103)(xviii)(A)]</u>	<u>Y</u>	-
<u>221</u>	<u>Federal Operating Permit Requirement</u>	<u>12/21/94</u>	<u>[SIP: Approved 2/5/96, 61 FR 4217, 40 CFR 52.220(c)(216)(i)(A)(2)]</u>	<u>Y</u>	-
<u>301</u>	<u>Permit Fees</u>	<u>Not in SIP</u>	<u>Applicable Version = Most current amendment, Applicable via Title V Program interim approval 02/05/96 61 FR 4217</u>	<u>Y</u>	<u>Rule 301 is a fee rule and does not ordinarily require submission to USEPA. Various prior versions of Rule 301 were previously included in the State Implementation Plan (SIP) however USEPA removed this rule from the SIP on 01/18/02 (67 FR 2573; 40 CFR 52.220(c)(39)(iv)(C)).</u>

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<u>District Rule</u>	<u>Title</u>	<u>SIP Rule Version</u>	<u>Citation</u>	<u>Federally Enforceable</u>	<u>Notes</u>
					<u>Therefore, this rule is not required to be a federal submittal.</u>
<u>312</u>	<u><i>Fees for Federal Operating Permits</i></u>	<u>Not in SIP</u>	<u>Applicable Version = Amended: 12/21/94, Applicable via Title V Program interim approval 02/05/96 61 FR 4217</u>	<u>Y</u>	-
<u>401</u>	<u><i>Visible Emissions</i></u>	<u>SB - 7/25/1977R C - 2/4/1977 (subdivision (a))RC - 10/15/82 (subdivision (b))</u>	<u>SB - [SIP: Approved 9/8/78, 43 FR 4001, 40 CFR 52.220(c)(39)(ii)(C)]RC (a) - [SIP: Approved 9/8/78, 43 FR 40011, 40 CFR 52.220(c)(39)(iv)(C)]RC (b) - [SIP: Approved 10/19/84, 49 FR 41028, 40 CFR 52.220(c)(127)(vii)(C)]</u>	<u>Y</u>	-

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<u>District Rule</u>	<u>Title</u>	<u>SIP Rule Version</u>	<u>Citation</u>	<u>Federally Enforceable</u>	<u>Notes</u>
<u>403</u>	<u><i>Fugitive Dust</i></u>	<u>SB - 7/25/1977</u> <u>RC - 7/25/1977</u>	<u>SB - [SIP: Approved 9/8/78, 43 FR 4001, 40 CFR 52.220(c)(39)(ii)(B)]</u> <u>RC - [SIP: Approved 9/8/78, 43 FR 40011, 40 CFR 52.220(c)(39)(iv)(C)]</u>	<u>Y</u>	-
<u>403.2</u>	<u><i>Fugitive Dust Control for the Mojave Desert Planning Area</i></u>	<u>N/A</u>	<u>SIP Pending: as amended 07/22/1996 and submitted 10/18/1996</u>	<u>?</u>	-
<u>404</u>	<u><i>Particulate Matter Concentration</i></u>	-	<u>[SIP: Approved 12/21/78, 43 FR 59489, 40 CFR 52.220(c)(42)(xiii)(A)]</u>	<u>Y</u>	-
<u>405</u>	<u><i>Solid Particulate Matter, Weight</i></u>	-	<u>[SIP: 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)]</u>	<u>Y</u>	-
<u>406</u>	<u><i>Specific Contaminants</i></u>	<u>SB - 7/25/1977 (subdivision (a))</u> <u>RC - None</u>	<u>SB - [SIP: Approved, 12/21/78, 43 FR 59489, 40 CFR 52.220(c)(42)(xiii)(A)]</u>	<u>Y</u>	-
<u>407</u>	<u><i>Liquid and Gaseous Air Contaminants</i></u>	<u>5/7/76</u>	<u>SB - [SIP: Approved 9/8/78, 43 FR 40011; 40 CFR 52.220(c)(39)(ii)(C)]</u> <u>RC - [Approved 6/14/78, 43 FR 25684, 40 CFR 52.220(c)(32)(iv)(A)]</u>	<u>Y</u>	-

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<u>District Rule</u>	<u>Title</u>	<u>SIP Rule Version</u>	<u>Citation</u>	<u>Federally Enforceable</u>	<u>Notes</u>
<u>408</u>	<u>Circumvention</u>	<u>5/7/76</u>	<u>[SIP: 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)]</u>	<u>Y</u>	-
<u>409</u>	<u>Combustion Contaminants</u>	<u>5/7/76</u>	<u>[SIP: 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)]</u>	<u>Y</u>	-
<u>430</u>	<u>Breakdown Provisions</u>	<u>Not in SIP</u>	<u>Applicable Version = Amended: 12/21/94, Applicable via Title V Program interim approval 02/05/96 61 FR 4217</u>	<u>Y</u>	-
<u>431</u>	<u>Sulfur Content of Fuels</u>	<u>SB - 10/8/1976</u> <u>RC - ?</u>	<u>SB - [SIP: Approved 9/8/1978, 43 FR 40011, 40 CFR 52.220(c)(37)(i)(B) and 40 CFR 52.220(c)(39)(ii)(B)]</u> <u>RC - [SIP: Approved 9/8/1978, 43 FR 40011, 40 CFR 52.220(c)(37)(i)(C), 40 CFR 52.220(c)(39)(iv)(C), and 40 CFR 52.220(c)(39)(vi)(B)]</u>	<u>Y</u>	-
<u>441</u>	<u>Research Operations</u>	-	<u>SIP: Not SIP: District Rule 441 – Research Operations Disapproved 1/16/81 and 40 CFR 52.272(a)(9)(i)]</u>	<u>N</u>	-
<u>442</u>	<u>Usage of Solvents</u>	<u>2/27/06</u>	<u>[SIP: Approved 09/17/2007, 72 FR 52791, 40 CFR 52.220(c)(347)(i)(C)(1)]</u>	<u>Y</u>	-

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<u>444</u>	<u><i>Open Outdoor Fires</i></u>	<u>9/25/06</u>	<u>[SIP: Approved 10/31/2007, 72 FR 61525, 40 CFR 52.220(c)(350)(B)(1)]</u>	<u>Y</u>	-
<u>1104</u>	<u><i>Organic Solvent Degreasing Operations</i></u>	<u>9/28/94</u>	<u>[SIP: Approved: 4/30/96, 61 FR 18962, 40 CFR 52.220(c)(207)(I)(D)(2)]</u>	<u>Y</u>	-
<u>1113</u>	<u><i>Architectural Coatings</i></u>	<u>4/23/12</u>	<u>[SIP: Approved: 1/03/14, 79 FR 364, 40 CFR 52.220(c)(428)(i)(C)]</u>	<u>Y</u>	-
<u>1114</u>	<u><i>Wood Products Coating Operations</i></u>	<u>11/25/96</u>	<u>[SIP: Approved: 08/18/98, 63 FR 44132, 40 CFR 52.220(c)(244)(i)(C); Approved 61 FR 18962, 04/30/96]</u>	<u>Y</u>	-
<u>1115</u>	<u><i>Metal Parts and Products Coating Operations</i></u>	<u>4/22/96</u>	<u>[SIP: Approved 12/23/97, 62 FR 67002, 40 CFR 52.220(c)(239)(i)(A)(2)]</u>	<u>Y</u>	-
<u>1116</u>	<u><i>Automotive Finishing Operations</i></u>	<u>8/23/10</u>	<u>[SIP: Approved 8/9/12, 77 FR 47536, 40 CFR 52.220(c)(388)(i)(F)(1)]</u>	<u>Y</u>	-
<u>1302</u>	<u><i>NSR - Procedure</i></u>	<u>3/25/96</u>	<u>[SIP: Approved 11/13/1996, 61 FR 58133, 40 CFR 52.220(c)(239)(i)(A)(1)]</u>	<u>Y</u>	-
<u>Regulation XII</u>	<u><i>Federal Operating Permits</i></u>	-	<u>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</u>	-	-

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			<u>4217]</u>		
<u>1162</u>	<u><i>Polyester Resin Operations</i></u>	<u>8/27/2007:</u>	<u>SIP: Approved 11/24/2008; 40 CFR 52.220(c)(354)(i)(B)(1).</u>	<u>Y</u>	
<u>1162</u>	<u><i>Polyester Resin Operations</i></u>	<u>4/23/2018</u>	<u>SIP Pending. SIP Submittal Date to EPA 7/5/2018</u>	<u>Y</u>	<p>By design, <u>the weight average monomer VOC content (weight percent) limits are at least as stringent as the RPC MACT/NESHAP Limitations.</u></p> <p><u>Included in RACT SIP Submittal. Expect approval in 2019.</u></p>

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