~~Revised 4/30/19~~

FEDERAL OPERATING PERMIT

Permit No.: ~~88201364~~

Company: **Fiber-Care Bath, Inc.**

Facility: **Fiber-Care Bath, Inc.**

Issue date: **April 30, 2019**

Expiration date: **April 30, 2024**

MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue
Victorville, CA 92392-2310
760.245.1661 • Fax 760.245.2022
Email: **permitting@MDAQMD.ca.gov**

www.MDAQMD.ca.gov • @MDAQMD

Signed and issued by
BRAD POIRIEZ
EXECUTIVE DIRECTOR/
AIR POLLUTION CONTROL OFFICER

FEDERAL OPERATING PERMIT

Permit No.: **88201364**

Company: **Fiber-Care Bath, Inc.**

Facility: **Fiber-Care Bath, Inc.**

Issue date: **July 22, 2024**

Expiration date: **July 22, 2029**

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PERMIT REVISION HISTORY

July 22, 2024– Renewal of Permit
Changes made by Roseana Brasington
Application received November 28, 2023 for renewal of Fiber-Care Bath, Inc. Title V Operating Permit. The District completed updates to the permit and intends to reissue permit pending public comment and EPA review periods. See District 's SOB dated May 23, 2024 for review and details pertaining to changes and updates to the FOP.

March 1, 2019– Renewal of Permit

- Updated Section II
- Added hard dates for annual compliance certification, semi-annual monitoring reports and MACT reporting deadlines

Changes made by Roseana Brasington

January 8, 2016 – Minor Modification as follows:
The District received an application on October 19, 2015 for the proposed modification to replace the spray systems for the lamination production buildings #1 & #2 (District Permits S007459& S011473) and the gel coat production building (District Permit S011478).
Changes made by Sheri Haggard

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PART I - INTRODUCTORY INFORMATION

A. FACILITY INFORMATION:

Owner/Company Name:	Fiber-Care Bath, Inc.
Facility Names:	Fiber-Care Bath, Inc.
Facility Location:	9832 B Yucca Road Adelanto, CA 92301
Mailing Address:	9832 B Yucca Road Adelanto, CA 92301
Federal Operating Permit Number:	082201634
MDAQMD Company Number:	822
MDAQMD Facility Number:	1634
Responsible Official:	Mr. Tom Kirkmeyer President 760-246-0019 Email: tom.kirkmeyer@fibercarebaths.com
Facility "Site" Contact(s):	Mr. Tom Kirkmeyer President 760-246-0019 Email: tom.kirkmeyer@fibercarebaths.com
Facility "Off Site" Contact(s):	None
Nature of Business:	Fiberglass Bathtub and Shower Manufacturer
SIC/NAICS Code:	3088/326191 – Plastics Plumbing Fixture Manufacturing
Facility Coordinates	Lat/Long 34.56542, -117.45004~~UTM (Km) 458.698E/3824.972N~~

B. FACILITY DESCRIPTION:

Federal Operating Permit (FOP number: 088201634) is for Fiber-Care Bath, Inc. Fiber-Care Bath, Inc., is located at 9832 B Yucca Road, in Adelanto, California. Fiber-Care Bath manufactures fiberglass (reinforce plastic composites) showers and tubs. The manufacturing process is comprised of mold preparation, gel-coat and resin laminations, and finishing under SIC Code 3088 –Plastics Plumbing Fixtures and NACIS Code 326191 - Plastics Plumbing Fixture Manufacturing. The manufacturing process begins with mold preparation. The mold is then moved to a gel-coat station/booth and VOC suppressed gel-coat is applied. The dispensing unit is an internal mix, non-atomized airless unit. The mold coated with a gel-coat is allowed to cure for approximately twenty minutes. The mold is then moved to booth the Lamination #1 spray booth, where first lamination is applied using an internal mix, non-atomized airless dispensing unit. The first lamination also utilizes a reactive suppressant similar to that used in the gel - coat application. The mold is then moved to another spray booth (Lamination #2), where second lamination is applied. The mold is then move to a pull station where the newly formed part is hydraulically separated from the mold.

C. EQUIPMENT DESCRIPTION:

District Permit Number:	*Permit Description:*	*Permit Equipment Details:*
S004768	SPRAY BOOTH - TOOLING, BUILDING #1	The booth; spray guns; the compressor, which runs the guns; mixers; and storage areas for the resins as well as solid ingredients for the finished products.
S007459	SPRAY BOOTH - LAMINATION #1, PRODUCTION BUILDING 2	Ventilated Spray Room with exhaust filters. Includes a Magnum Venus Plastech Spray System, Model FIT-C-WMB-PAT-15746-GFC-30, consisting of Pump, Mixer, and 5 spray guns. This system and associated guns are shared with Permits S011473 and S011478.
S011473	SPRAY BOOTH - LAMINATION #2, PRODUCTION BUILDING 2	Ventilated Spray Room with exhaust filters. Includes a Magnum Venus Plastech Spray System, Model FIT-C-WMB-PAT-15746-GFC-30, consisting of Pump, Mixer, and 5 spray guns. This system and associated guns are shared with Permits S007459 and S0114783.
S011478	SPRAY BOOTH, GEL COAT, PRODUCTION BUILDING 2	Ventilated Spray Room with exhaust filters. Includes a Magnum Venus Plastech Spray System, Model IMG-CM-PAT-30, consisting of Pump, Mixer, and 5 spray guns. This system and associated guns are shared with Permit S007459 and S011473.

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

A. REQUIREMENTS APPLICABLE TO ENTIRE FACILITY AND EQUIPMENT:

1. A permit to construct is required to build, erect, install, alter or replace any equipment, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce or control the issuance of air contaminants.
[District Rule 201 - *Permits to Construct*]

2. A permit is required to operate this facility. 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*]

3. The Air Pollution Control Officer may impose written conditions on any permit to assure compliance with all applicable ~~.~~regulations.
[District Rule 204 - *Permit Conditions*]

4. Commencing work or operation under a permit shall be deemed acceptance of all the conditions so specified.
[District Rule 204 - *Permit Conditions*]

5. The owner/operator must post the Authority to Construct/Permit to Operate on or near the equipment, or as otherwise approved by the Air Pollution Control Officer (APCO) / District pursuant to District Rule 206.~~Posting of the permit to operate is required on or near the equipment or as otherwise approved by the APCO/District.~~

[District Rule 206 - *Posting of Permit to Operate*]

6. Owner/Operator shall not willfully deface, alter, forge or falsify any permit issued under District rules.
[District Rule 207 - *Altering or Falsifying of Permit*]

7. A permit shall not be transferable, whether by operation of law or otherwise, either from one location to another, from one piece of equipment to another, or from one person to another. When equipment which has been granted a permit is altered, changes location, changes ownership or no longer will be operated by the permittee, the permit shall become void. For the purposes of this rule, statutory mergers or name changes shall not constitute a transfer or change of ownership.~~Permits are not transferable.~~

[District Rule 209 - *Transfer and Voiding of Permit*]

8. The Air Pollution Control Officer (APCO) may require the Owner/Operator to provide and maintain such facilities as are necessary for sampling and testing. 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*]

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.
[~~SIP Pending:~~ District Rule 219 - *Equipment Not Requiring a Written Permit*]

10. The Owner/Operator of this facility shall obtain a Federal Operating Permit for operation of this facility.
[District Rule 221 - *Federal Operating Permit Requirement*]

11. Owner/Operator shall pay all applicable MDAQMD permit fees.
[District Rule 301 - *Permit Fees*]

12. Owner/Operator shall pay all applicable MDAQMD Title V permit fees.
[District Rule 312 - *Fees for Federal Operating Permits*]

13. The 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) General Visible Emissions Limitation:
(i) 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
(ii) Of such opacity as to obscure an observer's view to a degree equal to or greater than 20% opacity.
(b) Abrasive Blasting Visible Emissions Limitation:
(i) For indoor operations using noncertified Abrasive Blasting materials, of such opacity as to obscure an observer's view to a degree equal to or greater than 20% opacity (or equivalent Ringelmann 1).
(ii) For outdoor operations using wet abrasive blasting, hydroblasting, vacuum blasting, or abrasives certified for permissible dry outdoor blasting materials, of such opacity as to obscure an observer's view to a degree equal to or greater than 40% opacity (or equivalent Ringelmann 2).

~~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~~

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~~periods aggregating more than three minutes in any one hour:~~

~~(a) While any unit is fired on Public Utilities Commission 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 supplier's 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.~~

~~(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 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.~~

~~[District Rule 204 - *Permit Conditions*]~~

[District Rule 401 - *Visible Emissions*]

~~[40 CFR 70.6 (a)(3)(i)(B) - *Periodic Monitoring Requirements*]~~

14. The owner/operator shall not discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance or annoyance to any considerable number of persons or to the public, or which endanger the comfort, repose, health or safety of any such persons or the public, or which cause, or have a natural tendency to cause, injury or damage to business or property.
[District Rule 402 - *Nuisance*]

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~~Owner/Operator shall not burn any PUC quality natural gas fuel at this facility containing sulfur compounds in excess of 800 ppm calculated as hydrogen sulfide at standard conditions, or any diesel fuel having a sulfur content in excess of 0.5 percent by weight. Compliance with Rule 431 sulfur limit for PUC quality natural gas fuel shall be by the exclusive use of utility grade/pipeline quality natural gas. Records of natural gas supplier fuel quality/sulfur content limit shall be kept on site for review by District, state or federal personnel at any time. Compliance with Rule 431 sulfur limit for diesel fuel shall be determined by keeping records of the diesel fuel supplier's fuel analysis guarantee showing fuel sulfur content. The sulfur content of diesel fuel shall be determined by use of ASTM method D 2622-82, or (ASTM method D 2880-71, or equivalent).~~

~~[District Rule 431 - *Sulfur Content of Fuels*]~~

~~[40 CFR 70.6 (a)(3)(i)(B) - *Periodic Monitoring Requirements*]~~

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15. Except during high wind events, 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. The owner/operator shall comply with the applicable requirements of Rule 403(C) including obtaining and maintaining a District-approved Dust Control Plan. ~~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.~~
[District Rule 403 - *Fugitive Dust*]

16. Owner/Operator shall not discharge into the atmosphere from this facility, particulate matter except liquid sulfur compounds, in excess of the concentration at standard conditions, shown in District 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 diesel or PUC quality natural gas 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*]

17. Owner/Operator shall not discharge into the atmosphere from this facility, solid particulate matter including lead and lead compounds in excess of the rate shown in District 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*]

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 (SO_2) greater than or equal to 500 ppm by volume.
    [District Rule 406 - *Specific Contaminants*]
    ~~[40 CFR 70.6 (a)(3)(i)(B) - *Periodic Monitoring Requirements*]~~

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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*]

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 which 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*]

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 (CO_2) at standard conditions averaged over a minimum of 25 consecutive minutes.
[District Rule 409 - *Combustion Contaminants*]

22. APCO in his/her discretion, may refrain from enforcement action against an Owner/Operator of any equipment which 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 which 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.

[SIP Pending: District Rule 430 - *Breakdown Provisions]*

23. The owner/operator shall not burn, purchase, transfer, sell or offer for sale for any Stationary Source application in the District, and of the following:

(a) Any Natural Gas, other than pipeline quality Natural Gas, containing sulfur compounds, calculated as H2S, in excess of 16 Parts Per Million by Volume (ppmv).

(b) Any Gaseous Fuel containing sulfur compounds, calculated as H2S, in excess of the concentration limits as measured over the averaging periods for various Gaseous Fuels as specified in the table below:

Fuel Type	**Sulfur Limits (ppmv)**	**Averaging Periods**
Refinery Gas	40	4 Hours
Landfill Gas	250	Daily
Sewage Digester Gas	40 or	Daily or
	40 and 500	Monthly and 15 Minutes
Other Gases	40	4 Hours

(c) Any Diesel Fuel with a sulfur content in excess of 15 ppm by weight. Diesel Fuel with a sulfur content in excess of 15 ppm by weight.
(d) Any other Liquid Fuel with a sulfur content in excess of 500 ppm by weight.
(e) Any Solid Fuel having a sulfur content in excess of 0.5 percent by weight.
[District Rule 431 - *Sulfur Content of Fuels*]

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24. The provisions of Regulation IV except District 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.
[District Rule 441 - *Research Operations*]

25. The owner/operator of this facility shall comply with all applicable requirements of District Rule 442 and must 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 this rule, 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 trichlorotrifluroethane.
(v) Aerosol products.
(vi) VOC containing materials or equipment which are 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, and/or Determination of Efficiency of Emission Control Systems must be made in accordance with methods and provisions of District Rule 442.

~~Owner/Operator of this facility shall comply with all applicable requirements of District Rule 442 and must 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 this rule, 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 trichlorotrifluroethane.~~
~~(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.~~

[District Rule 442 - *Usage of Solvents*]

~~24~~26. Owner/Operator shall not set open outdoor fires unless in compliance with Rule 444. Outdoor fires burned according to an existing District permit are not considered "open outdoor fires" for the purposes of Rule 444 (reference Rule 444(B)(10)).
[Rule 444 – *Open Outdoor Fires*]

27. The owner/operator must comply with all applicable requirements of District Rule 462 when transporting and loading organic liquids into tanks, including Motor Vehicle fuel tanks, tank trucks, trailers or railroad tank cars.
[District Rule 462 – *Organic Liquid Loading*]

28. The owner/operator must comply with all applicable requirements of District Rule 463 when storing organic liquids.
[District Rule 463 – Storage of *Organic Liquids*]

29. The owner/operator shall comply with the more stringent of the requirements for any source of air pollution that is subject to subpart 40 CFR 60, as adopted by reference in District Rule 900, and those requirements applicable by District Rule and Regulation.
[District Rule 900 - *New Source Performance Standards*]

30. The 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. Some of these requirements are listed as follows:
    (a) VOC Content
        (i) An owner/operator shall not use a Solvent with a VOC content that exceeds 25 grams of VOC per liter, as applied, for cleaning or surface preparation in any operation subject to District Rule 1104.
        (ii) As an alternative to, or in lieu of, the 25 grams of VOC per liter requirement indicated above, an Owner/Operator may use cleaning materials with a VOC composite vapor pressure limit of 8 millimeters of mercury (mmHg) or less at 20 degrees Celsius.
    (b) Control Equipment
        (i) Owners and/or operators may comply with subsection (C)(1)(a) of District Rule 1104 by using approved air pollution Control Equipment provided that the VOC emissions from such operations and/or materials are reduced in accordance with the following:
            a. The Control Equipment shall reduce emissions from an emission collection system by at least 95 percent (95%), by weight, or by reducing the output of the air pollution Control Equipment to less than 25 ppm calculated for carbon with no dilution; and
            b. The owner/operator demonstrates that the system collects at least 90 percent (90%), by weight, of the emissions generated by the sources of emissions.

(c) Cleaning Equipment and Method Requirements

(i) An Owner/Operator shall not perform Solvent cleaning unless one of the cleaning devices or methods contained in subsections a. through e. below is used, and the applicable requirements in subsections f. through k. below are used:

a. Wipe Cleaning;

b. Closed containers or hand held spray bottles from which Solvents are applied without a propellant-induced force;

c. Cleaning Equipment which as a Solvent container that can be, and is closed during non-operation with the exception of maintenance and repair to the Equipment itself;

d. Non-atomized Solvent flow method where the cleaning Solvent is collected in a container or a collection system which is closed except for Solvent collection openings and, if necessary, openings to avoid pressure build-up inside the container; or

e. Solvent flushing method where the cleaning Solvent is discharged into a container which is closed except for Solvent collection openings and, if necessary, openings to avoid excessive pressure build-up inside the container. The discharged Solvent from the Equipment must be collected into containers without atomizing into the open air. The Solvent may be flushed through the system by air or hydraulic pressure, or by pumping.

f. All Degreasers shall be equipped with the following:

1. An apparatus or cover(s) which reduces solvent evaporation except for Remote Reservoirs.

2. A permanent, conspicuous label summarizing the applicable operating requirements contained in subsection (C)(4) of 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 District Rule 1104.

g. Remote Reservoirs shall be equipped with the following:

1. A sink, platform or work area which is sloped sufficiently towards a drain to prevent pooling of Solvent within the work area.

2. A single or total drain hole area, not larger than 100 square centimeters (15.5 square inches) in area, for the Solvent to flow from the sink (platform/work area) into the Enclosed Reservoir.

3. If High Volatility Solvent is used, a drain cover/plug/closure device or a cover for placement over the top of the sink (platform/work area), when the Equipment is not being used, cleaned or repaired.

4. A minimum sink depth of six (6) inches, as measured from the top of the drain to the top of the side of the sink.

h. Cold Solvent Degreasers - Freeboard Requirements:
1. Cold solvent degreasers using only low volatility solvents, which are not agitated, shall operate with a freeboard height of not less than 6 inches.
2. 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.
3. Any cold solvent degreasers using solvent which is agitated, or heated above 50ºC (120ºF) shall operate with a freeboard ratio equal to or greater than 0.75.
4. 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 1.
5. 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.
6. A permanent, conspicuous mark locating the maximum allowable Solvent level conforming to the applicable freeboard requirements.

i. Conveyorized Cold Solvent Degreasers shall be equipped with the following:
1. A rotating basket or other method, to prevent cleaned parts from carrying out Solvent liquid.
2. Minimized entrance and exit openings which silhouette the Workloads such that the average clearance between material and the edges of the cleaner openings are less than 10 centimeters (4 inches) or less than ten (10) percent of the opening width, whichever is greater.
3. A Freeboard Ratio equal to or greater than 0.75.
4. Alternately, a hood or enclosure to collect emissions which are vented to Control Equipment may be used to satisfy requirement of subsection (C)(3)(i)(iii) of District Rule 1104, provided that the air pollution Control Equipment meets the provisions of subsection (C)(2) of District Rule 1104. The collection system shall have a ventilation rate of 15-20 cubic meters per minute per square meter of Solvent cleaner opening (at each Air-Vapor

Interface), unless the rate must be changed to meet Federal and State Occupational Safety and Health Administration requirements, and is approved in writing by the Air Pollution Control Officer (APCO).

j. Batch-loaded Vapor Degreasers shall be equipped with the following:
   1. 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.
   2. A Vapor Level Control Thermostat, a Condenser Flow Switch and a Spray Safety Switch.
   3. A Freeboard Ratio greater than or equal to 0.75.
   4. A Primary Condenser.
   5. In addition, Degreasers with an Evaporative Surface Area greater than or equal to one (1) square meter, shall be equipped with a Refrigerated Freeboard Chiller for which the chilled air blanket temperature (degrees Fahrenheit) at the coldest point on the vertical axis in the center of the Air- Vapor Interface shall be no greater than 30 percent of the Initial Boiling Point (degrees Fahrenheit) of the Solvent used, or 40 degrees Fahrenheit, whichever is greater. (If the chiller operates below the freezing temperature of water, it shall be equipped with an automatic defrost).
   6. Alternately, a hood or enclosure to collect emissions which are vented to Control Equipment may be used to satisfy the requirements of subsections (C)(3)(j)(i) and(iii) of District Rule 1104, provided that the air pollution Control Equipment meets the provisions of subsection (C)(2) of District Rule 1104. The collection system shall have a ventilation rate of 15-20 cubic meters per minute per square meter of Solvent cleaner opening (at each Air-Vapor Interface), unless the rate must be changed to meet Federal and/or State Occupational Safety and Health Administration requirements, and is approve in writing by the APCO.

k. Conveyorized Vapor Degreasers shall be equipped with the following:
   1. An enclosed drying tunnel or other method, such as a rotating basket, sufficient to prevent cleaned parts from carrying out Solvent liquid or vapor.
   2. Minimized entrance and exit openings which silhouette the Workloads such that the average clearance between material and the edges of the

Degreaser openings are less than ten (10) centimeters (four (4) inches) or less than ten (10) percent of the opening, whichever is greater.

3. A Primary Condenser.

4. A Freeboard Ratio equal to or greater than 0.75.

5. A vapor control thermostat, a Condenser Flow Switch, and a Spray Safety Switch.

6. Additionally, a Refrigerated Freeboard Chiller for which the chilled air blanket temperature (degrees Fahrenheit) at the coldest point on the vertical axis in the center of the Air- Vapor Interface shall be no greater than 30 percent of the Initial Boiling Point (degrees Fahrenheit) of the Solvent used, or 40 degrees Fahrenheit, whichever is greater. (If the chiller operates below the freezing temperature of water, it shall be equipped with an automatic defrost).

7. Alternately, a hood or enclosure to collect emissions which are vented to Control Equipment may be used to satisfy requirements of subsections (C)(3)(k)(iv) and (vi) of District Rule 1104, provided that the air pollution Control Equipment meets the provisions of subsection (C)(2) of District Rule 1104. The collection system shall have a ventilation rate of 15-20 cubic meters/min per square meter of Degreaser opening (at each Air-Vapor Interface), unless the rate must be changed to meet Federal and State Occupational Safety and Health Administration requirements and is approved in writing by the District APCO.

(d) Operating Requirements

(i) All Degreasers shall comply with the following requirements:

a. Any solvent cleaning equipment and any emission control device shall be operated and maintained in strict accordance with the recommendations of the manufacturer.

b. Degreasers shall not be operating with any detectable solvent leaks.

c. All solvent, including waste solvent, waste solvent residues, and used applicators, 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.

d. 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.

e. Degreasers shall be covered to prevent fugitive leaks of vapors, except when processing work or to perform maintenance.

f. Solvent carryout shall be minimized by the following methods:

1. Rack workload arranged to promote complete drainage
2. 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.
3. Retain the workload inside of the vapor zone until condensation ceases.
4. Tip out any pools of solvent remaining on the cleaned parts before removing them from the degreaser if the degreasers are operated manually.
5. 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.)

g. The cleaning of porous or absorbent materials such as cloth, leather, wood or rope is prohibited.

h. Except for sealed chamber degreasers, all solvent agitation shall be by pump recirculation, a mixer, or ultrasonics.

i. 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.

j. For those degreasers equipped with a water separator, no solvent shall be visually detectable in the water in the separator.

k. Wipe cleaning materials containing solvent shall be kept in closed containers at all times, except during use.

l. Cleaning operations shall be located so as to minimize air circulation and drafts being directed across the cleaning equipment, the exposed solvent surface, or the top surface of the vapor blanket.

m. 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.

(ii) Batch-loaded and Conveyorized Degreasers shall, in addition to

the requirements in subsection (C)(4)(a), meet the following operating requirements:

a. When starting the Degreaser, the cooling system shall be turned on before, or simultaneously with, the sump heater.

b. When shutting down the Degreaser, the sump heater shall be turned off before, or simultaneously with, the cooling system.

c. The Workload Area shall not occupy more than half of the Evaporative Surface Area of the Degreaser.

d. Except for Sealed Chambers, the spray must be kept at least ten (10) centimeters (four (4) inches) below the top of the vapor level and be pointed downward, to prevent turbulence at the air-Solvent vapor interface.

(iii) Remote Reservoir Degreasers shall, in addition to the applicable requirements in subsection (C)(4)(a) of District Rule 1104, meet the following operating requirements:

a. The Solvent pump shall not circulate Solvent into the sink unless a Workload is being actively processed.

b. The sink of a Remote Reservoir Degreaser or any container placed therein may not be used to soak a Workload. Such use is prohibited and such use will cause the unit to be classified as a Cold Solvent Degreaser and be subject to provisions of subsection (C)(3)(h) of District Rule 1104.

c. Parts shall be visually dry and not dripping/leaking Solvent before being removed from the sink. Parts shall be tipped to release any trapped pools of Solvent before being removed from the sink.

d. The Workload must "drip-dry" while being contained completely within the sink.

(e) 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 VOC limits, equipment limits or the operational limits of District Rule 1104 shall be subject to the applicable provisions of District Rule 442.

(f) 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 District Rule 1104 shall, on a monthly basis, maintain records of key system operating and maintenance data. Such data is 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.

(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.

~~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 and which utilize volatile organic solvents. 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 1.~~

~~(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.

(iii) 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 carry-out 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 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 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:~~

~~(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 is 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.~~

~~(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.~~

[District Rule 1104 - *Organic Solvent Degreasing Operations*]

~~25~~31. The 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, Tables 1 and 2.

~~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 Table 1 below:~~

~~Table 1~~

~~VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS~~

~~Limits are expressed in grams of VOC per liter of Coating thinned to the manufacturer's maximum recommendation, excluding the volume of any water, Exempt Compounds, or~~

~~Colorant added to tint bases. "Manufacturer's maximum recommendation" means the maximum recommendation for thinning that is indicated on the label or lid of the Coating container.~~

~~**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/Masonary 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~~
~~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
Fire-Retardant Coatings:	-
— Clear	650
— Opaque	350
Flow Coatings	420
Quick-Dry Enamels	250
Quick-Dry Primers, Sealers, and Undercoaters	200
Swimming Pool Repair and Maintenance Coatings	340
Temperature Indicator Safety Coatings	550
Waterproofing Sealers	250
Waterproofing Concrete/Masonry Sealers	400

[District Rule 1113 - *Architectural Coatings*]

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~~26~~32. The owner/operator's use of Wood Products Coatings at this facility shall comply with the applicable requirements of District Rule 1114, including, but not limited to, Application Methods, VOC Content of Coatings, and Strippers, Surface Preparation and Cleanup Solvent.

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

~~(a) VOC Content of Coatings & Adhesives~~

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

~~(ii) Limits:~~

~~VOC CONTENT LIMITS FOR WOOD PRODUCTS COATINGS~~
~~Grams of VOC per Liter of Coating,~~
~~Less Water and Less Exempt Compounds (VOC Content)~~

~~**Coating Category**~~	~~**Effective, 07/01/05 g/L (lb/gal)**~~
~~Clear Sealers~~	~~275 (2.3)~~
~~Clear Topcoats~~	~~275 (2.3)~~
~~Pigmented Primers, Sealers, and Undercoats~~	~~275 (2.3)~~
~~Pigmented Topcoats~~	~~275 (2.3)~~
~~Fillers~~	~~275 (2.3)~~
~~High-Solid Stains~~	~~350 (2.9)~~
~~Inks~~	~~500 (4.2)~~
~~Mold-Seal Coatings~~	~~750 (6.3)~~
~~Multi-Colored Coatings~~	~~275 (2.3)~~
~~Low-Solids Stains, Toners and Washcoats~~	~~120 (1.0)~~
~~Adhesives~~	~~250 (2.1)~~

[District Rule 1114 – *Wood Products Coatings*]

~~27~~33. The owner/operator's use of Metal Parts and Products Coatings at this facility shall comply with the applicable requirements of District Rule 1115, including, but not limited to, Application Methods, VOC Content of Coatings, and Strippers, Surface Preparation and Cleanup Solvent.

~~Owner/Operator shall apply coatings to metal parts and products subject to the provisions of Rule~~

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~~1115 by using equipment properly operated according to manufacturer's suggested guidelines using one or more of the following methods:~~

~~(a) Electrostatic attraction.~~

~~(b) High Volume Low Pressure (HVLP) spray equipment.~~

~~(c) Dip coat.~~

~~(d) Hand Application Methods.~~

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

~~28. Owner/Operator's use of *Metal Parts and Products Coatings* at this facility shall comply with the applicable requirements of Rule 1115, including the VOC limits specified in District Rule 1115, as listed below:~~

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

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VOC CONTENT LIMITS FOR METAL PARTS AND PRODUCTS
(Grams of VOC Per Liter of Coating, Less Water and Less Exempt Compounds)

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

[District Rule 1115]

2934. The owner/operator's use of Automotive Coatings at this facility shall comply with the applicable requirements of District Rule 1116, including, but not limited to, Application Methods, VOC Content of Coatings, and Strippers, Surface Preparation and Cleanup Solvent.
[District Rule 1116 – *Automotive Refinishing Operations*]

35. The owner/operator shall comply with the polyester resin and gelcoat application technique requirements in section C(2) of MDAQMD Rule 1162,

(a) and Resins and gelcoats shall not exceed the monomer limits for each applicable resin use in Table 1 in Section C(2) of MDAQMD Rule 1162.

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Table 1* Monomer Content for Open Molding Resin and Gel Coat Process	
Material	Weight Average Monomer VOC content (weight percent) limit
General Purpose Polyester Resin	
Marble Resin	10 % (32% as supplied, no Fillers)
Solid Surface Resin	17%
Tub/Shower Resin	24% (35% as supplied, no Fillers)
Lamination Resin	31% (35% as supplied, no Fillers)
Tooling Resin	
Atomized (spray)	30%
Non-Atomized	39%
Specialty Resin	
Fire Retardant	38%
High-Strength*	
Mechanical (Non-Atomizing)	46.2%
Filament Application	42%
Manual Application	40%
Corrosion-Resistant	48%
All other Resin	35%
Tooling Gel Coat	40%
Pigmented Gel Coat	
White and Off -White	30%
Non-White	37%
Primer	28%
Clear Gel Coat for use with Marble Resin	40%
Clear Gel Coat for use with Other Resin	44%
Specialty Gel Coat	48%
Conductive Gel Coat	42%

(~~a~~i) all Tub/Shower Resin material applied in an Open Mold Process shall be Vapor Suppressed Resin

(~~b~~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.

(~~c~~iii) 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.

(b) Polyester Resin Operations shall comply with the application techniques specified in Rule 1162:

(i) Except for Gel Coats, a Person shall not apply any Resin materials to an open Mold surface subject to the provisions of this Rule unless one of the following Non-Atomizing application techniques is used and operated according to the manufacturer's specifications:

a. Non-Atomizing Spray Application technique;
b. Flowcoaters;
c. Pressure-Fed Rollers;
d. Resin Impregnators;
e. Hand Lay-Up applications; or
f. Other Non-Atomizing application techniques which have emission reduction efficiencies at least equal to one of the above methods, and which are used in a manner that the parameters under which they were tested are permanent features of the method. Prior to their use, such application shall be approved in writing by the APCO, CARB, and the USEPA.

(ii) An Operator shall not apply Gel Coat materials to any open Mold surface subject to the provisions of this Rule unless one of the following application techniques is used and operated according to the manufacturer's specifications:

a. Any Non-Atomizing application technique listed in subsection (C)(2)(a);
b. Airless;
c. Air-Assisted Airless Spray;
d. Electrostatic Attraction; or
e. High-Volume, Low-Pressure (HVLP).
    1. HVLP spray Equipment shall be operated in accordance with the manufacturer's recommendations.

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2. HVLP spray guns shall have the maximum inlet air pressure in psig at which the gun will operate within the parameters specified in Rule 102 – Definitions of Terms indicated on the spray gun.

(iii) In lieu of complying with the applicable requirements of subsection (C)(2), an Operator may install and maintain a VOC emission control system that meets the requirements of subsection (C)(1)(c) around the Coating Application Equipment.

(c) Work practice standards: Any Person processing Polyester Resin Materials and any other VOC containing materials, including Putties and Polyputties, shall keep these materials in closed containers with tightly fitting lids, except when manually filling or emptying the container, or when mixing or pumping Equipment is being placed in or removed from a container.

(d) An Operator shall not use Organic Solvents for cleaning operations that exceed the VOC content limits specified below:

(i) For non-Fiberglass Boat Manufacturing Polyester Resin Operations, have a composite vapor pressure of 45 mm Hg or less at a temperature of 68 ºF (20 ºC) or

(ii) The material contains 25 grams or less of VOC Per Liter of Material (0.21 pounds per gallon), as applied.

(iv) In lieu of complying with the specified VOC content limits an Operator may control VOC emissions from cleaning operations with an approved VOC emission control system that meets the requirements of subsections (C)(1)(c) for the Solvent cleaning operations.

(c) The organic solvent cleaning limits specified in (C)(6)(a) do not apply to Mold sealing and release agents, or Mold stripping and cleaning Solvents.

[District Rule 1162 – *Polyester Resin Operations*]

~~30~~36. The owner/operator shall comply with all applicable provisions of District Rule 1168 – *Adhesive and Sealant Applications*, including but not limited to, the VOC limits specified below:

(a) Owner/operator shall not apply Adhesives, Adhesive Primers, Sealants, Sealant Primers, or any other Primer which have a VOC content in excess of the limits specified in Table 1 of District Rule 1168, as summarized below:

Application Process	**VOC Emission Limit Less Water and Less Exempt Compounds in g/L (lb/gal)**
General Adhesive*	
Fiberglass	80 (0.7)
Flexible Vinyl	250 (2.1)
Metal	30 (0.3)

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Plastic Foams	50 (0.4)
Porous Material (Except Wood)	50 (0.4)
Pre-formed Rubber Products	250 (2.1)
Reinforced Plastic Composite	200 (1.7)
Rubber	250 (2.1)
Wood	30 (0.3)
Other Substrates	250 (2.1)
Specialty Adhesive	
Building Envelope Membrane	250 (2.1)
Carpet Pad	50 (0.4)
Ceramic Tile Installation	65 (0.5)
Contact Adhesive	80 (0.7)
Contact Adhesive – Special Purpose	250 (2.1)
Cove Base Installation	50 (0.4)
Drywall and Panel	50 (0.4)
Edge Glue	250 (2.1)
Elastomeric	750 (6.3)
Floor Covering Installation (Indoor)	150 (1.3)
Floor Covering Installation (Outdoor)	250 (2.1)
Immersible Product Manufacturing	650 (5.4)
Indoor Carpet	50 (0.4)
Metal to Urethane/Rubber Molding or Casting	850 (7.1)
Motor Vehicle	250 (2.1)
Motor Vehicle Weatherstrip	750 (6.3)
Multipurpose Construction	70 (0.6)
Non-membrane Roof Installation/Repair	300 (2.5)
Other Flooring	50 (0.4)
Perimeter Bonded Sheet Vinyl	660 (5.5)
Plastic Solvent Welding	
ABS	325 (2.7)
ABS to PVC Transition	510 (4.3)
Cellulose	100 (0.8)
CPVC	490 (4.1)
PVC	510 (4.3)
Styrene-Acrylonitrile	100 (0.8)
All Other Plastic Solvent Welding	250 (2.1)
Rubber Floor	60 (0.5)
Sheet Rubber Lining Installation	850 (7.1)
Single-Ply Roof Membrane Installation/Repair	250 (2.1)
Structural Glazing	100 (0.8)
Structural Wood Member	140 (1.7)

Subfloor	50 (0.4)
Thin Metal Laminating	780 (6.5)
Tire Retread	100 (0.8)
Top and Trim	540 (4.5)
Traffic Marking Tape	150 (1.3)
VCT and Asphalt Tile	50 (0.4)
Waterproof Resorcinol Glue	170 (1.4)
Wood Flooring	100 (0.8)
Adhesive Primer	
Motor Vehicle Glass Bonding	900 (7.5)
Plastic Solvent Welding	550 (4.6)
Single-Ply Roof Membrane	250 (2.1)
Traffic Marking Tape	150 (1.3)
Other Adhesive Primer	250 (2.1)
Sealant Primers	
Architectural – Non-Porous	250 (2.1)
Architectural – Porous	775 (6.5)
Modified Bituminous	500 (4.2)
Other Sealant Primers	750 (6.3)
Sealants	
Architectural	250 (2.1)
Non-membrane Roof	300 (2.5)
Non-staining Plumbing Putty	150 (1.3)
Potable Water	100 (0.8)
Roadway	250 (2.1)
Single-Ply Roof Membrane	450 (3.8)
All Other Architectural Sealants	50 (0.4)
All Other Roof Sealants	300 (2.5)
All Other Sealant	420 (3.5)

[District Rule 1168 - *Adhesive and Sealant Applications*]

37. Owner/Operator shall comply with all requirements of the District's Title V Program, MDAQMD Rules 1200 through 1210 (Regulation XII - *Federal Operating Permits*). [Applicable via Title V Program interim approval 02/05/96 61 FR 4217]

38. Owner/Operator shall comply with all requirements of Rule 1211 - Greenhouse Gas Provisions of Federal Operating Permits. Specifically, the Owner/Operator shall include Greenhouse Gas (GHG) emission data and all applicable GHG requirements with any application, as specified in 1211(D)(1), for a Federal Operating Permit. [District Rule 1211]

39. The permit holder shall submit an application for renewal of this Title V Permit at least six (6) months, but no earlier than eighteen (18) months, prior to the expiration date of

this Federal operating permit (FOP). If an application for renewal has not been submitted and deemed complete in accordance with this deadline, the facility may not operate under the (previously valid) FOP after this FOP expiration date. If the permit renewal has not been issued by this FOP expiration date, but a timely application for renewal has been submitted and deemed complete in accordance with the above deadlines, the existing permit will continue in force until the District takes final action on the renewal application.
[District Rule 1202(B)(3)(b)(i); District Rule 1202(E)(2)(a)]

40. Owner/Operator shall comply with all applicable requirements of 40 CFR Part 68; Risk Management Program.
[40 CFR 68]

~~31~~41. 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]

~~32~~42. 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: Reinforced Plastic Composites Production*.
[40 CFR 63, Subpart A and WWWW]

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

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

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]

3. Owner/Operator of permit units subject to Comprehensive Emissions Inventory Report/Annual Emissions Determinations for District, state, and federal required Emission Inventories shall monitor and record the following for each unit:
   (a) The cumulative annual usage of each fuel type. The cumulative annual usage of each fuel type shall be monitored from utility service meters, purchase or tank fill records.
   (b) Fuel suppliers' fuel analysis certification/guarantee including fuel sulfur content shall be kept on site and available for inspection by District, state or federal personnel upon request. The sulfur content of diesel fuel shall be determined by use of ASTM method D2622-82, or (ASTM method D 2880-71, or equivalent). Vendor data meeting this requirement are sufficient.

   [District Rule 204]
   [40 CFR 70.6(a)(3)(B)]
   [Federal Clean Air Act: §110(a)(2)(F, K & J); §112; §172(c)(3); §182(a)(3)(A & B); §187(a)(5); § 301(a) and in California Clean Air Act, Health and Safety Code §§39607 and §§44300 et seq.]

4. Owner/Operator shall submit, annually, a Compliance Certification as prescribed by District Rule 1203(F)(1) and District Rule 1208, in a format approved by MDAQMD. Compliance Certifications by a Responsible Official shall certify the truth, accuracy and completeness of the document submitted and contain a statement to the effect that the certification is based upon information and belief, formed after a reasonable inquiry; the statements and information in the document are true, accurate, and complete.
   [District Rule 1203(D)(1)(g)(v-x)]
   [District Rule 1203(D)(1)(g)(v-x)]
   [40 CFR 72.90.a; 40 CFR 70.6(c)(5)(i)]
   (a) Owner/Operator shall include in any Compliance Certification the methods used for monitoring such compliance.
   [District Rule 1203(D)(1)(g)(viii)]
   [40 CFR 70.6(c)(5)(ii)]
   (b) Owner/Operator shall comply with any additional certification requirements as specified in 42 United States Code (U.S.C.) §7414(a)(3), Recordkeeping, Inspections, Monitoring and Entry (Federal Clean Air Act §114(a)(3)) and 42 U.S.C. §7661c(b), Permit Requirements and Conditions (Federal Clean Air Act §503(b)), or in regulations promulgated thereunder.
   [District Rule 1203 (D)(1)(g)(x)]
   (c) Each report shall be certified to be true, accurate, and complete by "The Responsible Official" and a copy of this annual report shall also be contemporaneously submitted to the EPA Region IX Administrator.
   [District Rule 1203 (D)(1)(g)(v - x)]
   [40 CFR 72.90.a]
   (e) The annual Compliance Certification shall be submitted as follows:

Annual Compliance Certification	Reporting Period	Due Date	Submit to

Annual Compliance Certification	Reporting Period	Due Date	Submit to
Title V: Annual Compliance Certification (40 CFR 72.9.a)	January 1 – December 31	January 31	MDAQMD & US EPA

~~Report covering January 1 – December 31~~	~~Due by January 31~~

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The first annual report submitted on the schedule above shall include the period commencing from the end of the last report submitted through December 31 of the following year and shall be due on January 31 of that year.

5. The owner/operator shall submit, semi-annually, a Monitoring Report to the APCO/District. The Monitoring Reports shall be certified to be true, accurate, and complete, signed by the Responsible Official, and shall include the following information and/or data:
   (a) Summary of deviations from any federally enforceable requirement in this permit.
   (b) Summary of all emissions monitoring and analysis methods required by any Applicable Requirement/federally - enforceable requirement.
   (c) Summary of all periodic monitoring, testing or record keeping (including test methods sufficient to yield reliable data) to determine compliance with any Applicable Requirement/federally - enforceable requirement that does not directly require such monitoring.

   (d) Summary of necessary requirements concerning use and maintenance of equipment including the installation and maintenance of monitoring equipment.
   (e) The semi-annual reporting periods shall be submitted as follows:

Semi-Annual Report	Reporting Period	Due Date	Submit to
Title V: Semiannual monitoring (40 CFR 70.6)	January 1 - June 30	July 31	MDAQMD & US EPA
Title V: Semiannual monitoring (40 CFR 70.6)	July 1 - December 31	January 31	MDAQMD & US EPA

~~Report covering January 1 – June 30~~	~~Due by July 31~~
~~Report covering July 1 – December 31~~	~~Due by January 31~~

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(The first semi-annual Monitoring Report submitted on the schedule above shall include the period commencing from the end of the last report submitted through June 30 of the following year and shall be due on July 31 of that year. [District 1203(D)(1)(c)(i - iii); District 1203(D)(1)(d)(i); District Rule 1203(D)(1)(e)(i - ii); District Rule 1203(D)(1)(g)(v - x)]

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6. Owner/Operator shall promptly report all deviations from Federal Operating Permit requirements including, but not limited to, any emissions in excess of permit conditions, deviations attributable to breakdown conditions, and any other deviations from permit conditions. Such reports shall include the probable cause of the deviation and any corrective action or preventative measures taken as a result of the deviation. [District Rule 1203(D)(1)(e)(ii) and District 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.
   [District Rule 430]
   (b) For other deviations from permit conditions not involving excess emissions of air contaminants shall be submitted to the District with any required monitoring reports at least every six (6) months.
   [District Rule 1203(D)(1)(e)(i)]

7. If any facility unit(s) should be determined not to be in compliance with any federally enforceable requirement during the 5-year permit term, then the owner/operator shall obtain a *Schedule of Compliance* approved by the District Hearing Board pursuant to the requirements of District Regulation V (District Rules 501 - 518). In addition, the 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 Rule 1201 (I)(3)(iii); District Rule 1203 (D)(1)(e)(ii); District Rule 1203 (D)(1)(g)(v)]

C. FACILITY-WIDE COMPLIANCE CONDITIONS:

1. Owner/Operator shall allow an authorized representative of the MDAQMD to enter upon the permit holder's premises at reasonable times, with or without notice.
[District Rule 1203(D)(1)(g)(i)]
[40 CFR 70.6(c)(2)(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.
[District Rule 1203(D)(1)(g)(ii)]
[40 CFR 70.6(c)(2)(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.
[District Rule 1203(D)(1)(g)(iii)]
[40 CFR 70.6(c)(2)(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.
[District Rule 1203(D)(1)(g)(iv)]
[40 CFR 70.6(c)(2)(iv)]

5. Owner/Operator shall remain in compliance with all Applicable Requirements/federally enforceable requirements by complying with all compliance, monitoring, record-keeping, reporting, testing, and other operational conditions contained in this Federal Operating Permit. Any noncompliance constitutes a violation of the Federal Clean Air Act and is grounds for enforcement action; the termination, revocation and re-issuance, or modification of this Federal Operating Permit; and/or grounds for denial of a renewal application.
[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 Rule 1201(I)(2) and District Rule 1203(D)(1)(g)(v)]

7. Owner/Operator shall insure that all applicable subject processes comply with the provisions of 40 CFR 61, National Emission Standards for Hazardous Air Pollutants, subpart A, General Provisions, and with the requirements of 40 CFR 61.140 through 61.157 of subpart M, Asbestos for all demolition and renovation projects.
[40 CFR 61, subparts A and M]~~Owner/Operator shall insure that all applicable subject processes comply with the provisions of 40 CFR 61, *National Emission Standards for Hazardous Air Pollutants*, subpart A, *General Provisions*, and subpart M, *Asbestos*.~~

~~[40 CFR 61, subparts A and M]~~

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8. The owner/operator shall notify the APCO/District at least ten (10) working days before any applicable asbestos stripping or removal work is to be performed as required by section 61.145.b of 40 CFR 61 subpart M, *National Emission Standard for Asbestos*.
[40 CFR 61.145.b]

9. Owner/Operator shall notify the APCO/District, on an annual basis, postmarked by December 17 of the calendar year, of the predicted asbestos renovations for the following year as required by section 61.145.b of 40 CFR 61, subpart M [see cite for threshold triggering and applicability].
[40 CFR 61.145(b)]

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

    (a) The open molding HAP emissions shall not exceed the HAP emission limits in Table 3 or Table 7, depending on which compliance option is chosen to demonstrate compliance with Subpart WWWW of 40 CFR 63. In accordance with Subpart 63.5810, the facility may use Option A in 63.5810(a), Option B in 63.5810(b), Option C in 63.5810(c), or Option D in 63.5810(d) to comply with the open molding limits.
    [40 CFR 63.5810, *Equations to Calculate Organic HAP Emissions Factors For Specific Open Molding And Centrifugal Casting Process Streams*]

    (b) HAP emissions (commonly styrene and methyl methacrylate) shall be determined by using the equations found in Table 1 of Subpart WWWW to 40 CFR 63.
    [40 CFR 63.5810, *Equations to Calculate Organic HAP Emissions Factors For Specific Open Molding And Centrifugal Casting Process Streams*]

    (c) This facility must comply with 'Work Practices' found in Table 4 to Subpart WWWW of 40 CFR 63 and demonstrate compliance with these 'Work Practices' per Table 9 to Subpart WWW of 40 CFR 63. The closed molding and covered mixing processes must comply with the Work Practices found in Table 4.

[40 CFR 63.5805(a) through (d) and (g), 63.5835(a), 63.5900(a)(3), 63.5910(c)(5), and 63.5915(d), *Work Practice Standards*]

(d) This facility must submit semi-annual Compliance Reports as required in Table 14 to Subpart WWWW of 40 CFR 63 per 40 CFR 63.5910(b) on or before January 31 and July 31 of each year.

Semi-Annual Report	Reporting Period	Due Date	Submit to
MACT: Semiannual monitoring (40 CFR 63, WWWW)	January 1 - June 30	July 31	MDAQMD
MACT: Semiannual monitoring (40 CFR 63, WWWW)	July 1 - December 31	January 31	MDAQMD

~~Report covering January 1 – June 30~~	~~Due by July 31~~
~~Report covering July 1 – December 31~~	~~Due by January 31~~

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The first semi-annual Compliance Report submitted on the schedule above shall include the period commencing from the end of the last report submitted through June 30 of the following year and shall be due on July 31 of that year.

[CFR; 63.5910(b), *Notifications, Reports, and Reports*]

(e) This facility is required to meet operation and maintenance requirements 40 CFR 63.6(e)(1) and (2).
[40 CFR 63, Table 15 to Subpart WWWW: *Applicability of General Provisions (Subpart A) to Subpart WWWW of Part 63*]

(f) This facility must submit a 'Notification of Compliance Status' per 40 CFR 63.9(h) and Table 13 to Subpart WWWW of 40 CFR 63.
[40 CFR 63, Table 13 to Subpart WWWW: *Applicability and Timing of Notifications*]

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

A. STANDARD MONITORING, RECORD-KEEPING, AND REPORTING REQUIREMENTS:

1. Any data and records required to be generated and/or kept by any portion of this permit, shall be kept current, on-site for a minimum of five (5) years from the date generated pursuant to Title V Program requirements and provided to District, state, or federal personnel on request.
[District Rule 1203(D)(1)(d)(ii)]
[40 CFR 70.6(a)(3)(ii)(B)]

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]
[40 CFR 70.6 (a)(3)(B)]

4. Owner/Operator of permit units subject to Comprehensive Emissions Inventory Report / Annual Emissions Determinations for District, state, and federal required Emission Inventories shall monitor and record the following for each unit:
   (a) The cumulative annual usage of each fuel type. The cumulative annual usage of each fuel type shall be monitored from utility service meters, purchase or tank fill records.
   (b) Fuel suppliers fuel analysis certification/guarantee including fuel sulfur content shall be kept on site, for a minimum of five (5) years, and available for inspection by District, state or federal personnel on request. The sulfur content of diesel fuel shall be determined by use of ASTM method D 2622-82, or (ASTM method D 2880-71, or equivalent).
   [District Rule 204]
   [40 CFR 70.6 (a)(3)(B)]

B. EQUIPMENT SPECIFIC MONITORING, RECORD-KEEPING,

REPORTING AND TESTING REQUIREMENTS APPLICABLE TO MDAQMD PERMIT UNITS S004768, S007459, S011473 AND S011478:

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 1302(C)(2)(a)]
~~[District Rule 204]~~
[40 CFR 70.6 (a)(3)(B)]

2. This facility shall use only vapor suppressed gel coats and resins at this facility.
[District Rule 204]
[40 CFR 70.6 (a)(3)(B)]

~~3~~3. All application of resins shall be limited to one of the following methods:
(a) Non-atomizing spray;
(b) Flow coaters;
(c) Manual application; or
(d) Other non-atomizing techniques which have transfer efficiencies at least equal to one of the above methods.
[District Rule 1162(C)(2)(a)]
~~All spray application of gel coats and resins shall be done using only non-atomized spray equipment.~~
~~[District Rule 204]~~
[40 CFR 70.6 (a)(3)(B)]

~~4~~4. All application of gel coats shall be limited to one of the following methods:
(a) Air-Assisted Airless Spray;
(b) Electrostatic Attraction;
(c) High volume, Low Pressure (HVLP) Spray; or
(d) A non-atomizing technique listed in District Rule 1162(C)(2)(a).
[District Rule 1162(C)(2)(b)]

5. Discharge filters shall be installed and maintained in a tightly mounted and dimensionally stable condition, free from excessive deposits or interference with airflow passages. Differential pressure drops across the discharge filters shall be maintained in accordance with the manufacturer's specifications with readings between 0.02 inches of water column and 0.32 inches of water column while the booth is in operation.
[District Rules 1162 and 1303]
~~[District Rule 204]~~
[40 CFR 70.6 (a)(3)(B)]

~~5~~6. This facility shall be operated and maintained in compliance with all applicable District Rules, including but not limited to, District Rule 442 - Usage of Solvents, 1162 - Polyester Resin Operations and 1168 - Adhesive and Sealant Applications.
~~This facility shall be operated and maintained in compliance with District Rules 442 and~~

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~~1162~~ and ~~USEPA Rules known as National Emission Standards for Hazardous Air Pollutants (NESHAP) and Maximum Achievable Control Technology (MACT)~~ Title 40 CFR 63 subpart WWWW.
[District Rules 442, 1162 and 1168]
[40 CFR 63, Subpart WWWW]

~~6~~7. This facility shall only use gel coats, resins and other materials that comply with the VOC limits in District Rule 1162 Table 1 and HAP emission limit of 40 CFR 63 subpart WWWW Table 3.
[District Rule 1162]
[40 CFR 63, Subpart WWWW]

~~7~~8. 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 Table 1 or by equation and/or method approved by the District in writing. Exceeding this facility cap limit will trigger offsets and BACT review.
[District Rule 1301]
[District Rule 1303]

~~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) Manufacturer, type, and amount (in pounds. gallons, tons, liter, etc.) of resin, coating, filler and solvent used (preparation, thinning, cleanup or other);~~
~~(c) VOC and HAP(s) content of each type of resin, coating and solvent in pounds per gallon, grams per liter, percent (weight/weight), et.;~~
~~(e) Keep daily records of VOC and HAP(s) containing materials and organic solvents used;~~
~~(f) Total amount of VOC and HAP(s) containing materials and organic solvents used per calendar month;~~
~~(g) Weekly log of the air filter pressure differential (manometer) gauge readings.~~
~~(h) Certifications of analysis from the Polyester Resin manufacturer(s) to verify that all applied Tub/Shower Resin Materials are Vapor Suppressed~~
~~[District Rule 204]~~
~~[District Rule 1162]~~
~~[40 CFR 70.6 (a)(3)(B)]~~

~~8~~9. The facility shall not discharge VOCs into the atmosphere from all VOC containing materials, Emissions Units, equipment or processes that are not subject to District Rule 1162, in excess of 1190 pounds per month. This includes, but is not limited to, coatings, modifiers, sealants, release agents, polymerization initiators, pure monomers, and catalysts.
[District Rule 442]

~~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 Table 1 or by equation and/or method approved by the District in writing. Exceeding this facility cap limit will trigger offsets and BACT review.~~

~~[District Rule 1301]~~
~~[District Rule 1303]~~

~~9~~10. 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) Manufacturer, type, and amount (in pounds. gallons, tons, liter, etc.) of resin, coating, filler and solvent used (preparation, thinning, cleanup or other);
(c) VOC and HAP(s) content of each type of resin, coating and solvent in pounds per gallon, grams per liter, percent (weight/weight), et.;
(d) Keep daily records of VOC and HAP(s) containing materials and organic solvents used;
(e) Total amount of VOC and HAP(s) containing materials and organic solvents used per calendar month
(f) The monthly VOC, Styrene, MMA, and all other HAP emissions from all sources;
(g) Records of the monthly production rates and other operational data used to determine VOC, Styrene, MMA, and all other HAP emissions;
(h) Verification that the total combined HAP emissions during the rolling twelve (12) month period is below the 49,800 pound limit;
(i) Verification that the total VOC emissions during the rolling twelve (12) month period is below the 49,800 pound limit; and
(j) Weekly log of the air filter pressure differential (manometer) gauge readings.
(k) Certifications of analysis from the Polyester Resin manufacturer(s) to verify that all applied Tub/Shower Resin Materials are Vapor Suppressed

[District Rule 204]
[District Rule 1162]
[40 CFR 70.6 (a)(3)(B)]

~~This facility shall prepare a monthly report that contains the information (data) to demonstrate compliance with Condition 8.~~
~~[District Rule 204]~~
~~[40 CFR 63, Subpart WWWW]~~

~~10~~11. This facility must not use cleaning solvents that contain HAPs, 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. Furthermore, this facility shall not use cleaning solvents that contain VOCs, excluding mold sealing and release agents, mold stripping and cleaning, cleaners used to clean cured resin from Application Equipment, and closed systems, unless:

(a) The VOC content composite partial pressure is 45 mm Hg or less at a temperature

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of 20 degrees C; or

(b) The material contains 25 grams or less of VOC content per liter of material, as applied.

[District Rules 1162(C)(6)]
[40 CFR 63, Subpart WWWW]

~~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]~~

~~11~~12. Each spray booth, and the entire facility shall be maintained and operated in compliance with USEPA NESHAP Maximum Achievable Control Technology (MACT) Standards found in 40 CFR 63, Subparts A and WWWW to include but not limited to the following:

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

(b) HAP emissions (commonly styrene and methyl methacrylate) shall be determined by using the equations found in Table 1 of Subpart WWWW to 40 CFR 63.

(c) This facility must comply with Work Practices found in Table 4 to Subpart WWWW of 40 CFR 63 and demonstrate compliance with these Work Practices per Table 9 to Subpart WWWW of 40 CFR 63.

(d) This facility must submit semi-annual Compliance Reports as required in Table 14 to Subpart WWWW of 40 CFR 63 per 40 CFR 63.5910(b). The report must contain include all information as required under 40 CFR 63.5910, and may be submitted along with, or as part of, the semiannual monitoring report required by this facility's Federal Operating Permit, per 40 CFR 70.6(a)(3)(iii)(A).

(e) This facility is required to meet operation and maintenance requirements per 40 CFR 63.6(e).

(f) This facility must submit a Notification of Compliance Status per 40 CFR 63.9(h) and Table 13 to Subpart WWWW of 40 CFR 63.

(g) In the event of conflict between the MACT Standard and these permit conditions, the more stringent standard shall govern.

[District Rule 1162]
[40 CFR 63, Subpart WWWW and 40 CFR 70.6(a)(3)(iii)(A)]

13. 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.
[District Rule 1162(C)(5)]
[40 CFR 63, Subpart WWWW]

~~12~~14. This facility must use mixer covers with no visible gaps present in the mixer covers, except that gaps of up to 1 inch are permissible around mixer shafts and any required instrumentation. Containers of 5 gallons or less may be open when active mixing is taking place, or during periods when they are in process (i.e., they are actively being used to apply resin).
[District Rule 1162(C)(5)]
[40 CFR 63, Subpart WWWW]

15. A facility wide Comprehensive Emission Inventory (CEI) for all emitted criteria and toxic air pollutants must be submitted to the District, in a format approved by the District, upon District request.
[District Rule 107(b); H&S Code 39607 & 44341-44342; and 40 CFR 51, Subpart A]

~~13. 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]~~

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.
[District Rule 1203(D)(1)(f)(i)]
[40 CFR 70.6(a)(5)]

2. The 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.
[District Rule 1203(D)(1)(f)(ii)]
[40 CFR 70.6(a)(6)(i)]

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).
[District Rule 1203(D)(1)(f)(iii)]
[40 CFR 70.6(a)(6)(ii)]

4. This Federal Operating Permit may be modified, revoked, reopened or terminated for cause.
[District Rule 1203(D)(1)(f)(iv)]
[40 CFR 70.6(a)(6)(iii)]

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.
[District Rule 1203(D)(1)(f)(v)]
[40 CFR 70.6(a)(6)(iii)]

6. The issuance of this Federal Operating Permit does not convey any property rights of any sort nor does it convey any exclusive privilege.
[District Rule 1203(D)(1)(f)(vi)]
[40 CFR 70.6(a)(6)(iv)]

7. The 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.
[District Rule 1203(D)(1)(f)(vii)]

[40 CFR 70.6(a)(6)(v)]

8. The owner/operator shall furnish to District, state or federal personnel, upon request, copies of any records required to be kept pursuant to condition(s) of this Federal Operating Permit.
[District Rule 1203(D)(1)(f)(viii)]
[40 CFR 70.6(a)(6)(v)]

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.
[District Rule 1203(D)(1)(d)(ii)]
[40 CFR 70.6(a)(3)(ii)(B)]

10. The owner/operator shall pay all applicable fees as specified in MDAQMD Regulation III, including those fees related to permits as set forth in District Rules 301 and 312.
[District Rule 1203(D)(1)(f)(ix)]
[40 CFR 70.6(a)(7)]

11. The 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.
[District Rule 1203(D)(1)(f)(x)]
[40 CFR 70.6(a)(8)]

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).
[District Rule 1203(G)(1)]
[40 CFR 70.6(f)(1)(i)]

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.
[District Rule 1203(G)(3)(a)]
[40 CFR 70.6(f)(3)(i)]

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.
[District Rule 1203(G)(3)(b)]
[40 CFR 70.6(f)(3)(ii)]

15. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to alter any Applicable Requirement Contained in the Acid Rain Program.

[District Rule 1203(G)(3)(c)]
[40 CFR 70.6(f)(3)(iii)]

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.
[District Rule 1203(G)(3)(d)]
[40 CFR 70.6(f)(3)(iv)]

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.
[District Rule 1203(G)(3)(e)]
[40 CFR 70.4(b)(12)(ii)(B)]

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.
[District Rule 1203(G)(3)(f)]
[40 CFR 70.4(b)(14)(iii)]

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.
[District Rule 1203 (G)(3)(g)]
[40 CFR 70.5(a)(1)(ii), 70.7(e)(2)(vi)]

20. If the owner/operator performs maintenance on, or services, repairs, or disposes of appliances, the 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 the owner/operator performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the owner/operator shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. These requirements are Federally Enforceable through this Title V Permit.
[40 CFR Part 82, Subpart B]

22. Notwithstanding the testing requirements contained elsewhere in this Title V Permit, any credible evidence may be used to establish violations, including but not limited to; reference test methods, engineering calculations, indirect estimates of emissions, CEMS data, and parametric monitoring data. Data need not be required to be collected in a Title V permit in order to be considered credible.
[Section 113(a) of the Clean Air Act]

PART V - OPERATIONAL FLEXIBILITY

A. ALTERNATIVE OPERATING SCENARIO(S):

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

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

B. OFF PERMIT CHANGES:

1. Permitee may make a proposed change to equipment covered by this permit that is not expressly allowed or prohibited by this permit if:
   (a) Permitee 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 District Rule 219; and
      (i) The proposed change is not:
         a. Subject to any requirements under Title IV of the Federal Clean Air Act; or,
         b. A modification under Title I of the Federal Clean Air Act; or
         c. A modification subject to Regulation XIII; and,
         d. The change does not violate any Federal, State or Local requirement, including an applicable requirement; and,
         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).
         [District Rule 1203(E)(1)(c)(i)]
   (b) Procedure for "Off Permit" Changes
      (i) If a proposed "Off Permit Change" qualifies under Part V, Section (A)(I)(a) above, the permitee shall implement the change as follows:
         a. The permitee shall apply for an Authority to Construct permit pursuant to the provisions of Regulation II.
         b. In addition to the information required pursuant to the provisions of Regulation II and Regulation XIII such application shall include:
            1. A notification that this application is also an application for an "Off Permit" Change pursuant to this condition; and
            2. A list of any new Applicable Requirements which would

apply as a result of the change; and

3. A list of any existing Applicable Requirements, which would cease to apply as a result of the change.

[District Rule 1203(E)(1)(c)(ii)(a)&(b)]

c. The permitee shall forward a copy of the application and notification to USEPA upon submitting it to the District.
[District Rule 1203(E)(1)(c)(ii)(c)]

(ii) The permitee may make the proposed change upon receipt from the District of the Authority to Construct Permit or seven (7) days after forwarding the copy of the notice and application to USEPA whichever occurs later.
[District Rule 1203(E)(1)(c)(ii)(e)]

(iii) The permitee 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.
[District Rule 1203(E)(1)(c)(ii)(d)(1)]

(iv) The permitee 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).
[District Rule 1203(E)(1)(c)(ii)(d)(2)]

(c) Other Requirements:

(i) The provisions of District Rule 1205 – Modifications do not apply to an Off Permit Change made pursuant to this condition.

(ii) The provisions of District Rule 1203(G) – Permit Shield do not apply to an Off Permit Change made pursuant to this condition.
[District Rule 1203(E)(1)(c)]

[40 CFR 70.4(b)(i)(B)]

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PART VI - CONVENTIONS, ABREVIATIONS, DEFINITIONS

A. STANDARD CONVENTIONS:

40 CFR 60, Standards of Performance for New Stationary Sources (NSPS)
40 CFR 60, Appendix F, Quality Assurance Procedures
40 CFR 61, National Emission Standards for Hazardous Air Pollutants (NESHAPS)
40 CFR 61, Subpart M, National Emission Standards for Asbestos
40 CFR 72, Permits Regulation (Acid Rain Program)
40 CFR 73, Sulfur Dioxide Allowance System
40 CFR 75, Continuous Emission Monitoring
40 CFR 75, Subpart D, Missing Data Substitution Procedures
40 CFR 75, Appendix B, Quality Assurance and Quality Control Procedures
40 CFR 75, Appendix C, Missing Data Estimating Procedures
40 CFR 75, Appendix D, Optional SO_2 Emissions Data Protocol
40 CFR 75, Appendix F, Conversion Procedures
40 CFR 75, Appendix G, Determination of CO_2 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:

CFR	Code of Federal Regulations
APCO	Air Pollution Control Officer
bhp	brake horse power
Btu	British thermal units
CCR	California Code of Regulations
CEMS	continuous emissions monitoring system
CO	carbon monoxide
CO2	carbon dioxide
Dia.	diameter
DistrictMojave Desert Air Quality Management District (formed July 1993)	
MDAQMD	Mojave Desert Air Quality Management District (formed July 1993)
MD	Mojave Desert Air Quality Management District (formed July 1993)
SB	San Bernardino County APCD (1975 to formation of MDAQMD)
gr/dscf	grains per dry standard cubic foot
gpm	gallons per minute

gph	gallons per hour
hp	horse power
H&SC	California Health and Safety Code
lb	pounds
lb/hr	pounds per hour
lb/MM Btu	pounds per million British thermal units
MM Btu	million British thermal units
MM Btu/hr	million British thermal units per hour
MW	Megawatt electrical power
MW(e) net	net Megawatt electrical power
NH_3	ammonia
NMOC	non-methane organic compounds
NO_X	oxides of nitrogen
NO_2	nitrogen dioxide
O_2	oxygen
pH	pH (acidity measure of solution)
PM_{10}	particulate matter less than 10 microns aerodynamic diameter
ppmv	parts per million by volume
psig	pounds per square inch gauge pressure
QA	quality assurance
rpm	revolutions per minute
RVP	Reid vapor pressure
SCAQMD	South Coast Air Quality Management District
scfm	standard cubic feet per minute
scfh	standard cubic feet per hour
SIC	Standard Industrial Classification
SIP	State of California Implementation Plan
SO_X	oxides of sulfur
SO2	sulfur dioxide
tpy	tons per year
TVP	true vapor pressure

PART VII - DISTRICT SIP HISTORY AND CITATIONS

A. DISTRICT RULE SIP HISTORY:

1. For Rule SIP History including approval, pending approval, etc, see: http://mdaqmd.ca.gov/home/showdocument?id=182

B. DISTRICT RULE SIP CITATIONS:

1. District Rule SIP Citations are on the following pages.

Rules in the SIP for the MDAQMD

Agency	Rule #	Rule Title	Area	Rule Book Version	SIP Version	CFR	FR Date	FR Cite
Old SB	5 (a)	Public Availability of Emissions Data	SBC	None	Bef 02/73	40 CFR 52.220(c)(21)(xv)(A)	6/14/1978	43 FR 25684
RC	51	Nuisance	RC	MD 402, 07/25/1977 via Res. 94-03	Bef 02/72	40 CFR 52.220(c)(?)	5/31/1977	
RC	52	Particulate Matter - Concentration	RC	MD 405, 07/25/1977 via Res. 94-03	Bef 06/72	40 CFR 52.228(b)(1)(iii)(A)	9/8/1978	43 FR 40011
Old SB	52A	Particulate Matter - Concentration	SBC			40 CFR 52.220.(c)(1-2)	9/22/1972	34 FR 19812
Old SB	53A	Specific Air Contaminants	SBC			40 CFR 52.220(c)(39)(ii)(C)	9/8/1978	43 FR 40011
RC	53	Specific Air Contaminants	RC			40 CFR 52.220(c)(39)(iv)(C)	9/8/1978	43 FR 40011
Old SB	53.2	Sulfur Recovery Units	SBC			40 CFR 52.220.(c)(1-2)	9/22/1972	34 FR 19812
Old SB	53.3	Sulfuric Acid Units	SBC			40 CFR 52.220.(c)(1-2)	9/22/1972	34 FR 19812

RC	54	Solid Particulate Matter, Weight	RC	MD 405, 07/25/1977 via Res. 94-03	Bef 06/72	40 CFR 52.228(b)(1)(iii)(A)	9/8/1978	43 FR 4011
Old SB	54A	Solid Particulate Matter, Weight	SBC	MD 405, 07/25/1977	Unknown	40 CFR 52.240(a)(1)&(d)(1)(i)	1/16/1981	46 FR 3883
RC	56	Scavenger Plants	RC	None	G-73	40 CFR 52.220(c)(39)(iv)(C)	9/8/1978	43 FR 40011
RC	58	Disposal of Solid and Liquid Wastes	RC	MD 473, 7/25/77 via Reso 04-03	Bef 06/72	40 CFR 52.228(b)(1)(iii)(A)	9/8/1978	43 FR 40011
Old SB	58 A	Disposal of Solid and Liquid Wastes	SBC	MD 473, 07/25/77	Bef 02/72	40 CFR 52.240(a)(1) & (d)(1)(i)	1/16/1981	46 FR 3883
Old SB	62.1	Sulfur Content of Natural Gas	SBC	None but See MD 431	Bef 02/72	40 CFR 52.240(a)(1) & (d)(1)(i)	1/16/1981	46 FR 3883
Old SB	67	Fuel Burning Equipment	N/A	None but See MD 474 and 476	Bef 02/72	40 CFR 52.280(b)(1)(ii)(C)	6/9/1982	47 FR 25013
RC	67	Fuel Burning Equipment	RC	None but See MD 474 and 476	Bef 11/79	40 CFR 52.280(c)(1)(i)	5/18/1981	46 FR 27116

Old SB	69	Vacuum Producing Devices or Systems	SBC	Fed Neg Dec. 12/21/1994	Bef 02/72	40 CFR 52.240(a)(1) & (d)(1)(i)	1/16/1981	46 FR3886
Old SB	70	Asphalt Air Blowing	SBC	Fed Neg Dec. 10/26/1994	Bef 02/72	40 CFR 52.240(a)(1) & (d)(1)(i)	1/16/1981	46 FR 3886
RC	72	Fuel Burning Equipment	RC	MD 474, 01/22/1996 ; MD 475 03/16/1981 ; and MD 476 01/22/1996 via Res. 94-03	Bef 11/79	40 CFR 52.280(c)(1)(i)	5/18/1981	46 FR 27116
RC	73	Lead Content and Volatility of Gasoline	RC	None	G-73	40 CFR 52.220(c)(39)(iv)(C)	9/8/1978	43 FR 4001
RC	74	Vacuum Producing Devices or Systems	RC	Fed Neg Dec12/21/1994	Bef 06/72	40 CFR 52.269(b)(3)(ii)(A)		
SC	101	Title	RC	7/1/1993 via Res. 94-03	Bef 11/77	FR Text	6/9/1982	47 FR 25013
SB	101	Title	SBC	7/1/1993	12/19/1998	40 CFR 52.220(c)(179)(i)(B)	11/27/1990	55 FR 49281

MD	102	Definition of Terms	MD			40 CFR 52.220(c)(520)(i)(A)(1)	7/2/2019	84 FR 31682
MD	102	Definition of Terms	MD	9/28/2020	(SIP Sub)			
MD	103	Definition of District Boundaries	MD	6/28/1995	Current	40 CFR 52.220(c)(224)(i)(C)(2)	6/3/1999	64 FR 29790
SB	103	Definition of Terms (Unknown rule - no record except in FR reference)	SBC	None	Bef 11/77	40 CFR 52.236(e)(3)(i)	1/16/1981	46 FR 3883
SC	104	Reporting of Source Data Analysis	RC			FR Text	6/9/1982	47 FR 25013
SB	104	Reporting of Source Data Analysis	SB	12/19/1988	Current	40 CFR 52.220(c)(179)(i)(B)(i)		
SC	106	Increments of Progress	RC			FR Text	6/9/1982	47 FR 25013
SB	106	Increments of Progress	SB	12/19/1988	Current	40 CFR 52.220(c)(179)(i)(B)(i)	11/27/1990	55 FR 49281
MD	107	Certification and Emissions Statements	MD	9/14/1992	Current	40 CFR 52.220(c)(190)(i)(F)(1)	5/26/2004	69 FR 29880
SC	107	Determination of Volatile Organic Compounds in Coating Material	RC		Bef 3/1/82	40 CFR 52.220(c)(121)(c)(v)(B)	10/11/1983	48 FR 46046
SC	108	Alternate Emission Control Plans	RC	None	4/6/1990	40 CFR 52.220(c)(182)(i)(A)(3)	8/30/1993	58 FR 45445

SC	109	Record keeping for Volatile Organic Compound Emissions				40 CFR 52.220(c)(182)(i)(A)(2)	8/30/1993	58 FR 45444
SB	201	Permit to Construct	SBC	7/25/1977	G-73	40 CFR 52.220(c)(39)(ii)(B)	11/9/1978	43 FR 52237
SC	201	Permit to Construct	RC	7/25/1977 via Res. 94-03	G-73	FR Text	6/9/1982	47 FR 25013
SB	202	Temporary Permit to Operate	SBC	7/25/1977	G-73	40 CFR 52.220(c)(39)(ii)(B)	11/9/1978	43 FR 52237
SC	202	Temporary Permit to Operate	RC	7/25/1977 via Res. 94-03	G-73	FR Text	6/9/1982	47 FR 25013
SB	203	Permit to Operate	SBC	7/25/1977	G-73	40 CFR 52.220(c)(39)(ii)(B)	11/9/1978	43 FR 52237
SC	203	Permit to Operate	RC	7/25/1977 via Res. 94-03	G-73	FR Text	6/9/1982	47 FR 25013
SB	204	Permit Conditions	SBC	7/25/1977	G-73	40 CFR 52.220(c)(39)(ii)(B)	11/9/1978	43 FR 52237
SC	204	Permit Conditions	RC	7/25/1977 via Res. 94-03	G-73	FR Text	6/9/1982	47 FR 25013
SB	205	Cancellation of Application	SBC	7/25/1977	G-73	40 CFR 52.220(c)(39)(ii)(B)	11/9/1978	43 FR 52237

SC	205	Cancellation of Application	RC	7/25/1977 via Res. 94-03	G-73	FR Text	6/9/1982	47 FR 25013
MD	206	Posting of Permit To Operate	MD	2/22/2021	Current		6/30/2023	88 FR 42258
SB	207	Altering or Falsifying of Permit	SBC	7/25/1977	G-73	40 CFR 52.220(c)(39)(ii)(B)	11/9/1978	43 FR 52237
SC	207	Altering or Falsifying of Permit	RC	7/25/1977 via Res. 94-03	G-73	FR Text	6/9/1982	47 FR 25013
SB	208	Permit for Open Burning	SBC	7/25/1977	G-73	40 CFR 52.220(c)(39)(ii)(C)	9/8/1978	43 FR 40011
SC	208	Permit for Open Burning	RC	7/25/1977 via Res. 94-03	G-73	FR Text	6/9/1982	47 FR 25013
SB	209	Transfer and Voiding of Permit	SBC	7/25/1977	G-73	40 CFR 52.220(c)(39)(ii)(B)	11/9/1978	43 FR 52237
SC	209	Transfer and Voiding of Permit	RC	7/25/1977 via Res. 94-03	G-73	FR Text	6/9/1982	47 FR 25013
SB	212	Standards for Approving Permits	SBC	7/25/1977	G-73	40 CFR 52.220(c)(39)(ii)(B)	11/9/1978	43 FR 52237
SC	212	Standards for Approving Permits	RC	7/25/1977 via Res. 94-03	5/1/1987	40 CFR 52.220(c)(173)(i)(A)(1)	2/3/1989	54 FR 5448

SB	212	Standards for Approving Permits	SBC	7/25/1977	G-73	40 CFR 52.220(c)(39)(ii)(B)	11/9/1978	43 FR 52237
SB	217	Provision for Sampling and Testing Facilities	SBC	7/25/1977	G-73	40 CFR 52.220(c)(39)(ii)(B)	11/9/1978	43 FR 52237
SC	217	Provision for Sampling and Testing Facilities	RC	7/25/1977 via Res. 94-03	G-73	FR Text	6/9/1982	47 FR 25013
SO	218	Stack Monitoring	SBC	7/25/1977	G-73	40 CFR 52.220(c)(39)(ii)(C)	9/8/1978	43 FR 40011
SC	218	Stack Monitoring	RC	7/25/1977 via Res. 94-03	Bef 10/81	40 CFR 52.220(c)(103)(xviii)(A)	7/6/1982	47 FR 29231
MD	219	Equipment Not Requiring a Written Permit	MD	1/25/2021	Current		6/30/2023	88 FR 42258
SC	220	Exemtion, Net Increase in Emissions	RC	11/25/1991 via Res. 94-03	8/7/1981	40 CFR 52.220(c)(103)(xviii)(A)	7/6/1982	47 FR 29231
SC	221	Plans	RC	None	1/4/1985	40 CFR 52.220(c)(165)(i)(B)(1)	4/17/1987	52 FR 12522
MD	221	Federal Operating Permit Requirement	MD	2/28/2011	2/21/1994	40 CFR 52.220(c)(216)(i)(A)(2)	2/5/1996	61 FR 4217
MD	221	Federal Operating Permit Requirement	MD	2/28/2011	(SIP Sub)			
MD	222	Limitation on Potential to Emit	MD	2/28/2011	7/31/1995	40 CFR 52.220(c)(225)(i)(H)(1)	8/31/2004	69 FR 53005

SC	301.2	Fee Schedules	RC	None	6/3/1983	40 CFR 52.220(c)(137)(vii)(B)	10/19/1984	49 FR 41028
MD	315	Federal Clean Air Act Section 185 Penalty	MD	2/23/2023	(SIP Sub)			
MD	315.1	Federal Clean Air Act Section 185 Penalty (1997 Standard)	MD	3/28/2022	(SIP Sub)			
MD	315.2	Federal Clean Air Act Section 185 Penalty (2008 Standard)	MD	3/28/2022	(SIP Sub)			
SC	401	Visible Emissions	RC		3/2/1984	40 CFR 52.220(c)(155)(iv)(B)	1/29/1985	50 FR 3906
MD	401	Visible Emissions	MD	8/26/2019	(SIP Sub)		7/20/2023	88 FR 46723
MD	401	Visible Emissions	MD	10/23/2023	(SIP Sub)			
MD	402	Nuisance	MD	7/25/1977	Not SIP			
SB	403	Fugitive Dust	SBC		G-73	40 CFR 52.220(c)(39)(ii)(B)	9/8/1978	43 FR 40011
SC	403	Fugitive Dust	RC			FR Text	6/9/1982	47 FR 25013
MD	403	Fugitive Dust	MD	9/28/2020				
MD	403.1	Respirable Particulate Matter in SVPA	MD		11/25/1996	40 CFR 52.220(c)(224)(i)(C)(2)	8/13/2009	74 FR 40750

SB	404	Particulate Matter, Concentration	SB	7/25/1977	7/25/1977	40 CFR 52.220(c)(42)(xiii)(A)	12/21/1978	43 FR 52482
SC	404	Particulate Matter, Concentration	RC	7/25/1977 via Res. 94-03	10/5/1979	FR Text	6/9/1982	47 FR 25013
SC	404	Particulate Matter, Concentration	RC	7/25/1977 via Res. 94-03	10/5/1979	40 CFR 52.220(c)(137)(vii)(B)	10/19/1984	49 FR 41028
MD	404	Particulate Matter - Concentration	MD	2/28/2022	(SIP Sub)			
SB	405	Solid Particulate Matter, Weight	SB	7/25/1997	7/25/1977	40 CFR 52.220(c)(42)(xiii)(A)	12/21/1978	43 FR 59489
SC	405	Solid Particulate Matter, Weight	RC	7/25/1977 via Res. 94-03	5/7/1976	FR Text	6/9/1982	47 FR 25013
MD	405	Solid Particulate Matter, Weight	MD	2/28/2022	(SIP Sub)			
MD	406	Specific Contaminants	RC	2/20/1979 via Res. 94-03	RC Rule 53			
SB	406	Specific Contaminants	SBC	2/20/1979	7/25/1977	40 CFR 52.220(c)(42)(xiii)(A)	12/21/1978	43 FR 59489
MD	406	Specific Contaminants	MD	3/28/2022	(SIP Sub)			
SB	407	Liquid and Gaseous Air Contaminants	SBC	7/25/1977	G-73	40 CFR 52.220(c)(39)(ii)(C)	9/8/1978	43 FR 40011

SC	407	Liquid and Gaseous Air Contaminants	RC	7/25/1977 via Res. 94-03	4/2/1982	40 CFR 52.220(c)(124)(iv)(A)	11/10/1982	47 FR 50864
MD	407	Liquid and Gaseous Air Contaminants	MD	3/28/2022	(SIP Sub)			
SB	408	Circumvention	SBC	7/25/1977	G-73	40 CFR 52.220(c)(39)(ii)(C)	9/8/1978	43 FR 40011
SC	408	Circumvention	RC	7/25/1977 via Res. 94-03	G-73	FR Text	6/9/1982	47 FR 25013
MD	408	Circumvention	MD	4/25/2022	(SIP Sub)			
SB	409	Combustion Contaminants	SBC	7/25/1977	G-73	40 CFR 52.220(c)(39)(ii)(C)	9/8/1978	43 FR 40011
SC	409	Combustion Contaminants	RC	7/25/1977 via Res. 94-03	8/7/1981	40 CFR 52.220(c)(103)(xviii)(A)	7/6/1982	47 FR 29231
MD	409	Combustion Contaminants	MD	4/25/2022	(SIP Sub)			
SB	431	Sulfur Content of Fuels	SB	7/25/1977	G-73	40 CFR 52.220(c)(39)(ii)(B)	9/8/1978	43 FR 40011
MD	431	Sulfur Content of Fuels	MD	9/28/2020	(SIP Sub)			
SC	431.1	Sulfur Content of Gaseous Fuels	RC	See MD 431	5/6/1983	40 CFR 52.220(c)(137)(vii)(B)	10/19/1984	49 FR 41028

SC	431.2	Sulfur Content of Liquid Fuels	RC	See MD 431	Bef 8/80	FR Text	6/9/1982	47 FR 25013
SC	431.3	Sulfur Content of fossil Fuels	RC	See MD 431	Bef 8/80	FR Text	6/9/1982	47 FR 25013
SB	432	Gasoline Specifications	SBC	7/25/1977	G-73	40 CFR 52.220(c)(39)(ii)(B)	9/8/1978	43 FR 40011
SC	432	Gasoline Specifications	RC	7/25/1977 via Res. 94-03	G-73	FR Text	6/9/1982	47 FR 25013
MD	432	Gasoline Specifications	MD	4/25/2022	(SIP Sub)			
MD	442	Usage of Solvents	MD	2/27/2006	Current	40 CFR 52.220(c)(347)(i)(C)(1)	9/17/2007	72 FR 52791
SB	443	Labeling of Solvents	SB			40 CFR 52.220(c)(39)(ii)(C)	9/8/1978	43 FR 40011
SC	443	Labeling of Solvents	RC	7/25/1977 via Res. 94-03	G-73	FR Text	6/9/1982	47 FR 25013
MD	444	Open Fires	MD	9/25/2006	Current	40 CFR 52.220(c)(350)(B)(1)	10/31/2007	72 FR 61525
MD	461	Gasoline Transfer and Dispensing	MD			40 CFR 52.220(c)(198)(i)(E)(1)	5/3/1995	60 FR 21702
MD	461	Gasoline Transfer and Dispensing	MD	1/22/2018	Current	40 CFR 52.220(c)(518)(i)(A)(3)	5/1/2020	85 FR 25293

MD	462	Organic Liquid Loading	MD	1/22/2018	Current	40 CFR 52.220(c)(518)(i)(A)(4)	5/1/2020	85 FR 25293
MD	463	Storage of Organic Liquids	MD	1/22/2018	Current	40 CFR 52.220(c)(518)(i)(A)(5)	5/1/2020	85 FR 25293
MD	464	Oil Water Separators	MD	6/12/2014	Current	40 CFR 52.220(c)(457)(i)(B)(1)	6/5/2015	80 FR 32026
SC	465	Vacuum Producing Devices orSystems	RC	Rescinded & Fed. Neg. Dec 12/21/1994	Bef 5/91	40 CFR 52.220(c)(184)(i)(B)(2)	8/11/1992	57 FR 35759
MD	465	Vacuum Producing Devices or Systems (Rescinded)	MD	Rescinded & Fed. Neg. Dec 12/21/1994	Not SIP	40 CFR 52.222(a)(1)(iii)	9/11/1995	60 FR 47074
SC	466	Pumps and Compressors	RC	Rescinded & See 1102 10/26/94	Bef 12/83	40 CFR 52.220(c)(166)(i)(A)(1)	1/15/1987	52 FR 1627
MD	466	Pumps and Compressors (Rescinded)	MD	Rescinded & See 1102 10/26/94	Not SIP	40 CFR 52.220(c)(39)(ii)(G)	8/19/1999	64 FR 45175
SC	466.1	Valves and Flanges	RC	None	5/2/1980	FR Text	6/9/1982	47 FR 25013
SB	468	Sulfur Recovery Units	SBC	7/25/1977	G-73	40 CFR 52.220(c)(39)(ii)(C)	9/8/1978	43 FR 40011

SC	468	Sulfur Recovery Units	RC	7/25/1977 via Res. 94-03	G-73	FR Text	6/9/1982	47 FR 25013
MD	468	Sulfur Recovery Units	MD	8/22/2022	(SIP Sub)			
SB	469	Sulfuric Acid Units	SB	7/25/1977	G-73	40 CFR 52.220(c)(39)(ii)(C)	9/8/1978	43 FR 40011
SC	469	Sulfuric Acid Units	RC	7/25/1977 via Res. 94-03	G-73	FR Text	6/9/1982	47 FR 25013
MD	469	Sulfuric Acid Units	MD	8/22/2022	(SIP Sub)			
SC	470	Asphalt Air Blowing	RC	N/A	G-73	FR Text	6/9/1982	47 FR 25013
MD	471	Asphalt Roofing Operations		12/21/1994	Current	40 CFR 52.220(c)(210)(i)(C)(2)	2/29/1996	61 FR 7706
SB	472	Reduction of Animal Matter	SBC	7/21/1977	G-73	40 CFR 52.220(c)(39)(ii)(C)	9/8/1978	43 FR 40011
SC	472	Reduction of Animal Matter	RC	7/25/1977 via Res. 94-03	G-73	FR Text	6/9/1982	47 FR 25013
MD	472	Reduction of Animal Matter	MD	7/21/2022	(SIP Sub)			
SB	473	Disposal of Liquid and Solid Wastes	SB	7/25/1977	G-73	40 CFR 52.220(c)(39(ii)(C)	9/8/1978	43 FR 40011

MD	473	Disposal of Liquid and Solid Wastes	MD	TBD	(SIP Sub)			
MD	474	Fuel Burning Equipment - Oxides of Nitrogen	MD	8/25 1997	Current	40 CFR 52.220(c)(254)(i)(H)(1)	1/11/1999	64 FR 1517
MD	475	Electric Power Generating Equipment	MD	8/25/1997	Current	40 CFR 52.220(c)(254)(i)(H)(1)	1/11/1999	64 FR 1517
MD	476	Steam Generating Equipment	MD	8/25/1997	Current	40 CFR 52.220(c)(254)(i)(H)(1)	1/11/1999	64 FR 1517
SB	480	Natural Gas Fired Control Devices	SBC	2/20/1979	Current	40 CFR 52.220(c)(51)(xii)(A)	1/27/1981	46 FR 8471
MD	480	Natural Gas Fired Control Devices (Rescinded)	MD	9/26/2022	(SIP Sub)			
SC	481	Spray Coating Operations	RC	1113, 1114, 1115 & 1116	5/5/1978	FR Text	6/9/1982	47 FR 25013
SC	501	General	RC	6/10/2019	Bef 8/80	FR Text	6/9/1982	47 FR 25013
MD	701	Emergencies (Consolidation of Reg VII)	MD	9/26/2022	(SIP Sub)			
MD	900	Standards of Performance for New Stationary Sources	MD	1/24/2022	Delegated			

MD	1000	National emissions Standards fro Hazardous Air Pollutants	MD	1/24/2022	Delegated			
SC	1101	Secondary Lead Smelters/Sulfur Oxides (SC Adopted 10/7/77)	RC	None	4/4/1980	FR Text	6/9/1982	47 FR 25013
SC	1102	Petroleum Solvent Dry Cleaners (SC Amended 12/7/90)	RC	None	12/7/1990	40 CFR 52.220(c)(184)(i)(B)(1)	3/24/1992	57 FR 10136
MD	1102	Fugitive Emissions of VOC's from Components at Pipeline Transfer Stations	MD	10/26/1994	Current	40 CFR 52.220(c)(207)(i)(D)	9/27/1995	60 FR 49772
SC	1102.1	Perchloroethylene Dry Cleaning Systems	RC	None	12/7/1990	40 CFR 52.220(c)(184)(i)(B)(1)	3/24/1992	57 FR 10136
SC	1103	Pharmaceuticals and Cosmetics Manufacturing Operation	RC	None	4/6/1980	40 CFR 52.220(c)(69)(iii)	7/8/1982	47 FR 29668
MD	1103	Cutback and Emulsified Asphalt	MD	12/21/1994	Current	40 CFR 52.220(c)(207)(i)(C)(1)	2/5/1996	61 FR 4215
SC	1104	"Wood Flat Stock Coating Operations				40 CFR 52.220(c)(186)(i)(C)(1)	6/23/1994	59 FR 32354
(SC Amended 8/2/91)"	RC	None	3/1/1991			40 CFR 52.220(c)(519)(i)(A)(1)	7/2/2019	84 FR 31682

MD	1104	Organic Solvent Degreasing Operations	MD	4/23/2018	Current	40 CFR 52.220(c)(159)(v)(C)	7/12/1990	55 FR 28625
SC	1105	Fluid Catalytic Cracking Units Oxides of Sulfur (SC Adopted 9/8/84)	RC	None	9/8/1984	40 CFR 52.220(c)(498)(i)(B)(1)	2/12/2018	83 FR 5940
MD	1106	Marine & Pleasure Craft Coating Operations	MD	10/24/2016	Current	40 CFR 52.220(c)(193)(i)(A)(1)	12/20/1993	58 FR 66285
SC	1107	Miscellaneous Metal Parts, Products and Coatings Operations.	RC	None	9/6/1991	40 CFR 52.220(c)(160)(i)(E)(1)	7/12/1990	55 FR 28624
SC	1108	Cutback Asphalt	RC	None	2/1/1985	40 CFR 52.220(c)(153)(vii)(A)	1/24/1985	50 FR 3339
SC	1108.1	Elmusified Asphalt	RC	None	Bef 3/84	40 CFR 52.220(c)(121)(i)(C)	5/3/1984	49 FR 18822
SC	1110	Emissions from Stationary Internal Combustion Engines.	RC	None	Bef 3/82	40 CFR 52.220(c)(148)(vi)(A)	5/3/1984	49 FR 18830
SC	1111	NOx Emissions from Natural Gas Fired, Fan Type Central Furnaces	RC	None	Bef 10/83	40 CFR 52.220(c)(154)(vii)(B)	1/7/1986	51 FR 600
SC	1112	Emissions of Oxides of Nitrogen from Cement Kilns	RC	None	1/6/1984	40 CFR 52.220(c)(155)(iv)(A)	1/24/1985	50 FR 3339
SC	1113	Architectural Coatings	RC		Bef 7/84	40 CFR 52.220(c)(428)(i)(C)(1)	1/3/2014	79 FR 365

MD	1113	Architectural Coatings	MD	4/23/2012	4/23/2012			
MD	1113	Architectural Coatings	MD	10/26/2020	(SIP Sub)	40 CFR 52.220(c)(558)(i)(a)(1)	7/28/2021	86 FR 40335
MD	1114	Wood Products Coating Operations	MD	8/24/2020	Current	40 CFR 52.220(c)(189)(i)(A)(1)	12/20/1993	58 FR 66282
SC	1115	Motor Vehicle Assembly and Component Coating Operations	RC	None	3/6/1992	40 CFR 52.220(c)(571)(i)(A)(1)	5/9/2022	87 FR 27526
MD	1115	Metal Parts & Products Coating Operations	MD	6/8/2020	Current	40 CFR 52.220(c)(388)(i)(F)(1)	8/9/2012	77 FR 47536
MD	1116	Automative Refinishing Operations	MD	8/23/2010	Current	40 CFR 52.220(c)(159)(v)(D)	7/12/1990	55 FR 28624
SC	1117	Emissions of Oxides of Nitrogen from Glass Melting Furnaces	RC	None	SC 1/6/1984	40 CFR 52.220(c)(381)(i)(H)(1)	3/1/2012	77 FR 12495
MD	1117	Graphic Arts	MD					
MD	1117	Graphic Arts	MD	8/24/2020	(SIP Sub)	40 CFR 52.220(c)(485)(i)(B)(1)	6/21/2017	82 FR 28240
MD	1118	Aerospace Vehicle Parts & Products Coating Operations	MD					
MD	1118	Aerospace Assembly, Rework and Component Manufacturing Operations	MD	6/8/2020	(SIP Sub)	40 CFR 52.220(c)(88)(iii)(A)	9/28/1981	46 FR 47451

SC	1119	Petroleum Coke Calcining Operations Oxides of Sulfur	RC	None	3/2/1979	40 CFR 52.220(c)(65)(ii)	9/28/1981	46 FR 47451
SC	1120	Asphalt Pavement Heaters	RC	None	8/4/1978	40 CFR 52.220(c)(67)(i)(B)	9/28/1981	46 FR 47451
SC	1121	Control of Nitrogen Oxides from Residential Type Natural Gas Fired Water Heaters	RC	None	12/1/1978			
MD	1121	Control of Nitrogen Oxides from Residential Type Natural Gas Fired Water Heaters	MD	10/23/2023	(SIP Sub)	40 CFR 52.220(c)(148)(vi)(B)	10/3/1984	49 FR 39057
SC	1122	Solvent Metal Cleaners (Degreasers)	RC	None	7/8/1983	40 CFR 52.220(c)(184)(i)(B)(2)	8/11/1992	57 FR 35758
SC	1123	Refinery Process Turnaround	RC	None	SC 12/7/1990	40 CFR 52.220(c)(154)(vii)(A)	1/24/1985	50 FR 3339
SC	1124	Aerospace Assembly and Component Coating Operations	RC	None	1/6/1984	40 CFR 52.220(c)(189)(i)(A)(4)	4/14/1994	59 FR 17897
SC	1125	Metal Container, Closure and Coil Coating Operations	RC	None	SC 8/2/1991	40 CFR 52.220(c)(189)(i)(A)(2)	12/20/1993	58 FR 66286
SC	1126	Magnet Wire Coating Operations	RC	None	SC 3/6/1992	40 CFR 60.23		

MD	1126	Municipal Solid Waste Landfills	MD	8/28/2000	Not SIP	40 CFR 52.220(c)(189)(i)(A)(3)	12/20/1993	58 FR 66287
SC	1128	Paper, Fabric and Film Coating Operations	RC	None	SC 2/7/1992	40 CFR 52.220(c)(193)(i)(A)(2)	4/14/1994	59 FR 17698
SC	1130	Graphic Arts	RC	None	Bef 5/1993	40 CFR 52.220(c)(189)(i)(A)(4)	4/14/1994	59 FR 17698
SC	1136	Wood Furniture and Cabinet Coatings	RC	None	Bef 5/92	40 CFR 52.220(c)(67)(i)(B)	9/28/1981	46 FR 47451
SC	1140	Abrasive Blasting	RC		2/1/1980	40 CFR 52.220(c)(189)(i)(A)(3)	12/20/1993	58 FR 66286
SC	1141	Control of Volatile Organic Compound Emissions from Resin Manufacturing	RC	None	SC 4/3/1992	40 CFR 52.220(c)(153)(vii)(B)	1/24/1985	50 FR 3339
SC	1141.1	Coatings and Ink Manufacturing	RC	None	11/4/1983	40 CFR 52.220(c)(156)(vii)(A)	1/15/1987	52 FR 1627
SC	1141.2	Surfactant Manufacturing	RC	None	SC 7/6/1984	40 CFR 52.220(c)(191)(i)(A)(1)	12/20/1993	58 FR 66286
SC	1145	Plastic, Rubber and Glass Coatings	RC	None	SC 1/10/1992	40 CFR 52.220(c)(127)(vii)(c)	10/19/1984	40 FR 41028
SC	1148	Thermally Enhanced Oil Recovery Wells	RC		11/5/1982	40 CFR 52.220(c)(193)(i)(A)(1)	12/20/1993	58 FR 66286
SC	1151	Motor Vehicle and Mobile Equipment Non-	RC	None	Bef 5/13/1993	40 CFR 52.220(c)(184)(i)(B)(3)	9/29/1993	58 FR 50850

		Assembly Line Coating Operations						
SC	1153	Commercial Bakery Ovens	RC	None	SC 1/4/1991	40 CFR 52.220(c)(248)(i)(D)	4/20/1999	64 FR 19277
MD	1157	Boilers and Process Heaters	MD	1/22/2018	5/19/1997	40 CFR 52.220(c)((518)(i)(A)(10)	6/16/2023	88 FR 39366
MD	1157	Boilers and Process Heaters	MD	1/22/2018	(SIP Sub)	40 CFR 52.220(c)(153)(vii)(B)	1/15/1987	52 FR 1627
SC	1158	Storage, Handling and Transport of Petroleum Coke	RC	None	12/2/1983	40 CFR 52.220(c)(254)(i)(H)(2)	7/20/1999	64 FR 38832
MD	1158	Electric Power Generating Facilities	MD	6/26/2017	8/25/1997			
MD	1158	Electric Power Generating Facilities	MD	6/26/2017	Withdrawan	40 CFR 52.220(c)(168)(I)(H)	7/12/1990	55 FR 28622
SC	1159	Nitric Acid Units - Oxides of Nitrogen	RC	None	SC 12/6/1985	40 CFR 52.220(c)(379)(i)(E)(1)	10/25/2012	77 FR 65133
MD	1159	Stationary Gas Turbines	MD	9/28/2009	Current	40 CFR 52.220(c)(518)(i)(A)(7)	9/10/2021	86 FR 50643
MD	1160	Internal Combustion Engines	MD		1/22/2018			
MD	1160	Internal Combustion Engines	MD	1/23/2023	(SIP Sub)	40 CFR 52.220(c)(518)(i)(A)(9)	6/2/2023	88 FR 36249

MD	1161	Portland Cement Kilns	MD	1/22/2018	Current	40 CFR 52.220(c)(354)(i)(B)(1)	11/24/2008	73 FR 70883
MD	1162	Polyester Resin Operations	MD	1/22/2018	8/27/2007	40 CFR 52.220(c)(519)(i)(A)(1)	2/27/2020	85 FR 11812
MD	1162	Polyester Resin Operations	MD	1/22/2018	Current	40 CFR 52.220(c)(184)(i)(B)(2)	9/29/1993	58 FR 50850
SC	1164	Semiconductor Manufacturing Operations		2/7/1990		40 CFR 52.220(c)(364)(i)(D)(1)	7/2/2012	77FR 39181
MD	1165	Glass Melting Furnaces	MD	8/12/2008	Current			
MD	1168	Adhesive & Sealant Applications	MD	4/27/2020	(SIP Sub)	40 CFR 52.220(c)(188)(i)(C)(1)	12/20/1993	58 FR66285
SC	1171	Solvent Cleaning	RC	None	SC 8/2/1991	40 CFR 52.220(c)(182)(i)(A)(1)	10/26/1992	57 FR 48457
SC	1175	Control of Emissions from the Manufacture of Polymeric Cellular (Foam) Products	RC		1/5/1990	40 CFR 52.220(c)(182)(i)(A)(1)	10/26/1992	57 FR 48459
SC	1176	Sumps and Wastewater Separators	RC	1/5/1990	1/5/1990			
MD	1200	General (Federal Operating Permit)	MD	2/28/2011				
MD	1201	Definitions (Federal Operating Permit)	MD	9/26/2005				

MD	1202	Applications	MD	9/26/2005				
MD	1203	Federal Operating Permits (Federal Operating Permit)	MD	9/26/2005				
MD	1205	Modifications of Federal Operating Permits (Federal Operating Permit)	MD	9/26/2005				
MD	1206	Reopening, Reissuance and Termination of Federal Operating Permits (Federal Operating Permit)	MD	9/26/2005				
MD	1207	Notice and Comment (Federal Operating Permit)	MD	9/26/2005				
MD	1208	Certification (Federal Operating Permit)	MD	9/26/2005				
MD	1209	Appeals (Federal Operating Permit)	MD	9/26/2005				
MD	1210	Acid Rain Provisions of Federal Operating Permits (Federal Operating Permit)	MD	9/26/2005				
MD	1211	Greenhouse Gas Provisions of Federal	MD	2/28/2011		40 CFR 52.220(c)(239)(i)(A)(1)	11/13/1996	61 FR 58133

		Operating Permits (Federal Operating Permit)						
MD	1300	General	MD		3/25/1996		11/25/2022	87 FR 72434
MD	1300	General	MD	3/22/2021	(SIP Sub)	40 CFR 52.220(c)(239)(i)(A)(1)	11/13/1996	61 FR 58133
MD	1301	Definitions	MD		3/25/1996		11/25/2022	87 FR 72434
MD	1301	Definitions	MD		(SIP Sub)			
MD	1301	Definitions	MD	3/25/2024	(SIP Sub)	40 CFR 52.220(c)(239)(i)(A)(1)	11/13/1996	61 FR 58133
MD	1302	Procedure	MD		3/25/1996		11/25/2022	87 FR 72434
MD	1302	Procedure	MD		(SIP Sub)			
MD	1302	Procedure	MD	3/25/2024	(SIP Sub)	40 CFR 52.220(c)(239)(i)(A)(1)	11/13/1996	61 FR 58133
MD	1303	Requirements	MD		3/25/1996		11/25/2022	87 FR 72434
MD	1303	Requirements	MD	3/22/2021	(SIP Sub)			
MD	1303	Requiements	MD	3/25/2024	(SIP Sub)	40 CFR 52.220(c)(239)(i)(A)(1)	11/13/1996	61 FR 58133
MD	1304	Emissions Calculations	MD		3/25/1996		11/25/2022	87 FR 72434

MD	1304	Emissions Calculations	MD	3/22/2021	(SIP Sub)			
MD	1304	Emissions Calculations	MD	3/25/2024	(SIP Sub)	40 CFR 52.220(c)(239)(i)(A)(1)	11/13/1996	61 FR 58133
MD	1305	Emissions Offsets	MD		3/25/1996		11/25/2022	87 FR 72434
MD	1305	Emissions Offsets	MD	3/22/2021	(SIP Sub)			
MD	1305	Emissions Offsets	MD	3/25/2024	(SIP Sub)	40 CFR 52.220(c)(239)(i)(A)(1)	11/13/1996	61 FR 58133
MD	1306	Electric Energy Generating Facilities	MD		3/25/1996		11/25/2022	87 FR 72434
MD	1306	Electric Energy Generating Facilities	MD	3/22/2021	(SIP Sub)			
MD	1310	Federal Major Facilities and Federal Major Modifications	MD	Rescinded 3/22/21	(SIP Sub)	40 CFR 52.220(c)(224)(i)(C)	1/22/1997	62 FR 3215
MD	1400	General (Emission Reduction Credits)	MD	6/28/1995	Current	40 CFR 52.220(c)(224)(i)(C)	1/22/1997	62 FR 3215
MD	1401	Definitions (Emissions Reduction Credits)	MD	6/28/1995	Current		6/30/2023	88 FR 42258
MD	1402	Emission Reduction Credist Registry	MD	5/19/1997	App	40 CFR 52.220(c)(224)(i)(C)	1/22/1997	62 FR 3215
MD	1404	Emission Reduction Credit Calculations	MD	6/28/1995	Current			

MD	1520	Control of Toxic Air Contaminants From Existing Sources	MD	3/25/2019	(SIP Sub)			
MD	1600	Prevention of Significant Deterioration	MD	3/22/2021	(SIP Sub)			
MD	2001	Transportation Conformity	MD	2/22/1995	??	40 CFR 52.220(c)(231)(i)(C)(1)	4/23/1999	64 FR 19916
MD	2002	General Federal Actions Conformity	MD	10/26/1994	Current	40 CFR 52.222(a)(1)(ii)	9/11/1995	60 FR 47074
MD	FND	Fed. Neg. Dec. - Asphalt Air Blowing	MD		Current	40 CFR 52.222(a)(1)(v)	5/20/2011	76 FR 29153
MD	FND	Fed. Neg. Dec. - Air Oxidation Process - SOCMI	MD	1/22/2007	Current			
MD	FND	Fed. Neg. Dec. - Chemical Processing & Manufacturing	RC	5/25/1994 via Res. 94-03	Unknown		1/31/1995	60 FR 38
MD	FND	Fed. Neg. Dec. - Chemical Processing & Manufacturing	SBC	5/25/1994	Current	40 CFR 52.222(a)(1)(v)	5/20/2011	76 FR 29153
MD	FND	Fed. Neg. Dec. - Equipment Leaks from Natural Gas/Gasoline Processing Plants	MD	1/22/2007	Current	40 CFR 52.222(a)(1)(vi)	5/20/2011	76 FR 29153

MD	FND	Fed. Neg. Dec. - Fugitive Emissions From Syntehetic Organic chemical Polymer and Resin manufacturing Equipment	MD	8/23/2010	Current	40 CFR 52.222(A)(1)(iv)	11/1/1996	61 FR 56474
MD	FND	Fed. Neg. Dec. - Industrial Wastewater	MD		Current	40 CFR 52.222(a)(1)(v)	5/20/2011	76 FR 29153
MD	FND	Fed. Neg. Dec. - Large Petroleum Dry Cleaners	MD	1/22/2007	Current	40 CFR 52.222(a)(1)(v)	5/20/2011	76 FR 29153
MD	FND	Fed. Neg. Dec. - Leaks from Petroleum Refinery Equipment	MD	1/22/2007	Current	40 CFR 52.222(a)(1)(vi)	5/20/2011	76 FR 29153
MD	FND	Fed. Neg. Dec. - Manufacture of High-Density Polyethylene, Polypropylene, and Polystyrene Resins	MD	8/23/2010	Current			
MD	FND	Fed. Neg. Dec. - Natural Gas/Gasoline Processing Equipment	RC	5/25/1994 via Res. 94-03	Unknown	40 CFR 52.222(a)(1)(i)	1/31/1995	60 FR 38
MD	FND	Fed. Neg. Dec. - Natural Gas/Gasoline Processing Equipment	SBC	5/25/1994	Current	40 CFR 52.222(A)(1)(iv)	11/1/1996	61 FR 56474
MD	FND	Fed. Neg. Dec. - Offset Lithography	MD		Current			

MD	FND	Fed. Neg. Dec. - Orchard & Citrus Heaters	MD	6/24/1996	??	40 CFR 52.222(a)(1)(vi)	5/20/2011	76 FR 29153
MD	FND	Fed. Neg. Dec. - Petroleum Refinery Equipment	MD	8/23/2010	Current	40 CFR 52.222(A)(1)(iv)	11/1/1996	61 FR 56474
MD	FND	Fed. Neg. Dec. - Plastic Parts Coating (Business Machines)	MD		Current	40 CFR 52.222(A)(1)(iv)	11/1/1996	61 FR 56474
MD	FND	Fed. Neg. Dec. - Plastic Parts Coating (other)	MD		Current	40 CFR 52.222(a)(1)(v)	5/20/2011	76 FR 29153
MD	FND	Fed. Neg. Dec. - Pheumatic Rubber Tire Manufacturing	MD	1/22/2007	Current	40 CFR 52.222(a)(1)(v)	5/20/2011	76 FR 29153
MD	FND	Fed. Neg. Dec - Polymer Manufacturing SOCMI and Polymer manufacturing Equipment Leaks	MD	1/22/2007	Current	40 CFR 52.222(a)(1)(v)	5/20/2011	76 FR 29153
MD	FND	Fed. Neg. Dec. - Process Unit Turnarounds	MD	1/22/2007	Current	40 CFR 52.222(a)(1)(v)	5/20/2011	76 FR 29153
MD	FND	Fed. Neg. Dec. - Reactor Processes and Distillation Operations in SOCMI	MD	1/22/2007	Current	40 CFR 52.222(A)(1)(iv)	11/1/1996	61 FR 56474

MD	FND	Fed. Neg. Dec. - Ship Building	MD		Current	40 CFR 52.222(a)(1)(v)	5/20/2011	76 FR 29153
MD	FND	Fed. Neg. Dec. - Surface Coating of Cans	MD	1/22/2007	Current	40 CFR 52.222(a)(1)(v)	5/20/2011	76 FR 29153
MD	FND	Fed. Neg. Dec. - Surface Coating of Coils	MD	1/22/2007	Current	40 CFR 52.222(a)(1)(v)	5/20/2011	76 FR 29153
MD	FND	Fed. Neg. Dec. - Surface Coating of Fabrics	MD	1/22/2007	Current	40 CFR 52.222(a)(1)(v)	5/20/2011	76 FR 29153
MD	FND	Fed. Neg. Dec. - Surface Coating of Large Apppliances	MD	1/22/2007	Current	40 CFR 52.222(a)(1)(v)	5/20/2011	76 FR 29153
MD	FND	Fed. Neg. Dec. - Surface Coating of Magnet Wire	MD	1/22/2007	Current	40 CFR 52.222(a)(1)(v)	5/20/2011	76 FR 29153
MD	FND	Fed Neg. Dec. - Surface Coating Operations at Automotive and Light Duty Truck Assembly Plants	MD	1/22/2007	Current	40 CFR 52.222(a)(1)(v)	5/20/2011	76 FR 29153
MD	FND	Fed. Neg. Dec. - Synthesized Pharmaceutical Products	MD	1/22/2007	Current	40 CFR 52.222(a)(1)(iv)	11/1/1996	61 FR 56474
MD	FND	Fed. Neg. Dec. - Synthetic Organic Chemical Manufacturing Batch Processing	MD		Current	40 CFR 52.222(a)(1)(iv)	11/1/1996	61 FR 56474

MD	FND	Fed. Neg. Dec. - Synthetic Organic Chemical Manufacturing Industry	MD		Current	40 CFR 52.222(A)(1)(iv)	11/1/1996	61 FR 56474
MD	FND	Fed. Neg. Dec. - Synthetic Organic Chemical Manufacturing Reactors	MD		Current	40 CFR 52.222(a)(1)(v)	5/20/2011	76 FR 29153
MD	FND	Fed. Neg. Dec. - Synthetic Organic Chemical Polymer and Resin Manufacturing	MD	1/22/2007	Current	40 CFR 52.222(a)(1)(v)	5/20/2011	76 FR 29153
MD	FND	Fed. Neg. Dec. - Vacuum Producing Devices	MD	1/22/2007	Current	40 CFR 52.220(c)(519)(ii)(A)(1) and 52.222(a)(1)(viii)	2/27/2020	85 FR 11812
MD	FND	Fed Neg. Dec - 2 CTGs for Miscellaneous Metal and Plastic Parts Coatings, Table 3—Plastic Parts and Products, and Table 4—Automotive/Transportation and Business Machine Plastic Parts	MD	4/23/2018	Current	40 CFR 52.220(c)(531)(ii)(A)(1) and 52.222(a)(1)(ix)	2/27/2020	85 FR 11812
MD	FND	"Fed Neg Dec - 1 CTG for Miscellaneous Metal				40 CFR 70 Apx. A California (q)(2)	12/17/2001	66 FR 63503

and Plastic Parts Coatings (EPA–453/R–						40 CFR 70 Apx. A California (q)(3)	10/15/2002	67 FR 63551
08–003), Table 6—Motor Vehicle								
Materials."	MD	10/22/2018	Current					

MD	Title V	Program - Federal Operation Permits: Title V	MD				4/30/2013	78 FR 25185
MD	Title V	Program - Federal Operation Permits: Title V	MD		Unknown			
MD	MACT	MACT Delegation (Sections A, F, G, H, I, J, L, M, N, O, Q, R, S, T, U, W, X, Y, AA, BB, CC, DD, EE, GG, HH, II, JJ KK, LL, MM, OO, PP, QQ, RR, SS, TT, UU, VV, WW, XX, YY, CCC, DDD, EEE, GGG, HHH, III, JJJ, LLL, MMM, NNN, OOO, PPP, QQQ, RRR, TTT, UUU, VVV, XXX, AAAA, CCCC, DDDD, EEEE, FFFF, GGGG, HHHH, IIII, JJJJ, KKKK, MMMM, NNNN, OOOO, PPPP, QQQQ, RRRR, SSSS, TTTT,UUUU, VVVV, WWWW, XXXX, YYYY, ZZZZ,AAAAA,	MD	Rule 1000 1/24/2022	Current			

		BBBBB, CCCCC, DDDDD, EEEEE, FFFFF, GGGGG,HHHHH, IIIII, JJJJJ, KKKKK, LLLLL, MMMMM, NNNNN,PPPPP,QQQQQ, RRRRR, SSSSS,TTTTT,WWWWW,YYYYY, ZZZZZ, BBBBBB, CCCCCC, DDDDDD, EEEEEE, FFFFFF, GGGGGG, HHHHHH, JJJJJJ, LLLLLL, MMMMMM, NNNNNN, OOOOOO, PPPPPP, QQQQQQ, RRRRRR, SSSSSS, TTTTTT, VVVVVV, WWWWWW, XXXXXX, YYYYYY, ZZZZZZ, AAAAAAA, BBBBBBB, CCCCCCC, DDDDDDD, EEEEEEE.					

District Rule	Title	SIP Rule Version	Citation	Federally Enforceable	Notes
203	*Permit to Operate*	1/7/77	[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)]	Y	-
204	*Permit Conditions*	1/9/76	[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)]	Y	-
206	*Posting of Permit to Operate*	1/9/76	[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)]	Y	-
207	*Altering or Falsifying of Permit*	1/9/76	[SIP: Approved 11/09/78, 43 FR 52237, 40 CFR 52.220(c)(39)(ii)(B) and 52.220(c)(31)(vi)(C)]	Y	-
209	*Transfer and Voiding of Permit*	1/9/76	[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)]	Y	-
217	*Provision for Sampling And Testing Facilities*	1/9/76	[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)]	Y	-
219	*Equipment Not Requiring a Written Permit*	SB - 6/6/77 RC - 9/4/81	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)] RC - [SIP: Approved 7/6/82, 47 FR 29231, 40 CFR 52.220(c)(103)(xviii)(A)]	Y	-
221	*Federal Operating Permit Requirement*	12/21/94	[SIP: Approved 2/5/96, 61 FR 4217, 40 CFR 52.220(c)(216)(i)(A)(2)]	Y	-

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District Rule	Title	SIP Rule Version	Citation	Federally Enforceable	Notes
301	*Permit Fees*	Not in SIP	Applicable Version = Most current amendment, Applicable via Title V Program interim approval 02/05/96 61 FR 4217	Y	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)). Therefore, this rule is not required to be a federal submittal.
312	*Fees for Federal Operating Permits*	Not in SIP	Applicable Version = Amended: 12/21/94, Applicable via Title V Program interim approval 02/05/96 61 FR 4217	Y	-
401	*Visible Emissions*	SB 7/25/1977RC 2/4/1977 (subdivision (a))RC 10/15/82 (subdivision (b))	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)]	Y	-

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District Rule	Title	SIP Rule Version	Citation	Federally Enforceable	Notes
403	*Fugitive Dust*	SB - 7/25/1977 RC - 7/25/1977	SB - [SIP: Approved 9/8/78, 43 FR 4001, 40 CFR 52.220(c)(39)(ii)(B)] RC - [SIP: Approved 9/8/78, 43 FR 40011, 40 CFR 52.220(c)(39)(iv)(C)]	Y	-
403.2	*Fugitive Dust Control for the Mojave Desert Planning Area*	N/A	SIP Pending: as amended 07/22/1996 and submitted 10/18/1996	2	-
404	*Particulate Matter Concentration*	-	[SIP: Approved 12/21/78, 43 FR 59489, 40 CFR 52.220(c)(42)(xiii)(A)]	Y	-
405	*Solid Particulate Matter, Weight*	-	[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)]	Y	-
406	*Specific Contaminants*	SB - 7/25/1977 (subdivision (a)) RC - None	SB - [SIP: Approved, 12/21/78, 43 FR 59489, 40 CFR 52.220(c)(42)(xiii)(A)]	Y	-
407	*Liquid and Gaseous Air Contaminants*	5/7/76	SB - [SIP: Approved 9/8/78, 43 FR 40011; 40 CFR 52.220(c)(39)(ii)(C)] RC - [Approved 6/14/78, 43 FR 25684, 40 CFR 52.220(c)(32)(iv)(A)]	Y	-
408	*Circumvention*	5/7/76	[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)]	Y	-
409	*Combustion Contaminants*	5/7/76	[SIP: Approved 9/8/78; 43 FR 40011; 40 CFR 52.220(c)(39)(ii)(C); Approved 6/14/78, 43 FR	Y	-

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District Rule	Title	SIP Rule Version	Citation	Federally Enforceable	Notes
			25684, 40 CFR 52.220(c)(32)(iv)(A)]		
430	*Breakdown Provisions*	Not in SIP	Applicable Version = Amended: 12/21/94, Applicable via Title V Program interim approval 02/05/96 61 FR 4217	Y	-
431	*Sulfur Content of Fuels*	SB - 10/8/1976 RC - ?	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) 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)	Y	-
441	*Research Operations*	-	SIP: Not SIP: District Rule 441 – *Research Operations* Disapproved 1/16/81 and 40 CFR 52.272(a)(9)(i)]	N	-
442	*Usage of Solvents*	2/27/06	[SIP: Approved 09/17/2007, 72 FR 52791, 40 CFR 52.220(c)(347)(i)(C)(1)]	Y	-
444	*Open Outdoor Fires*	9/25/06	[SIP: Approved 10/31/2007, 72 FR 61525, 40 CFR 52.220(c)(350)(B)(1)]	Y	-
1104	*Organic Solvent Degreasing Operations*	9/28/94	[SIP: Approved: 4/30/96, 61 FR 18962, 40 CFR 52.220(c)(207)(I)(D)(2)]	Y	-
1113	*Architectural Coatings*	4/23/12	[SIP: Approved: 1/03/14, 79 FR 364, 40 CFR 52.220(c)(428)(i)(C)]	Y	-
1114	*Wood Products Coating Operations*	11/25/96	[SIP: Approved: 08/18/98, 63 FR 44132, 40 CFR 52.220(c)(244)(i)(C); Approved 61 FR 18962, 04/30/96]	Y	-

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District Rule	Title	SIP Rule Version	Citation	Federally Enforceable	Notes
1115	*Metal Parts and Products Coating Operations*	4/22/96	[SIP: Approved 12/23/97, 62 FR 67002, 40 CFR 52.220(c)(239)(i)(A)(2)]	Y	-
1116	*Automotive Finishing Operations*	8/23/10	[SIP: Approved 8/9/12, 77 FR 47536, 40 CFR 52.220(c)(388)(i)(F)(1)]	Y	-
1302	*NSR - Procedure*	3/25/96	[SIP: Approved 11/13/1996, 61 FR 58133, 40 CFR 52.220(c)(239)(i)(A)(1)]	Y	-
Regulation XII	*Federal Operating Permits*	-	SIP: Not SIP. Final Title V Program Approval 11/21/03 68 FR 65637; Partial Withdrawal of approval 10/15/02 67 FR 63551; Notice of Deficiency 05/22/02 67 FR 35990; Approval 12/17/01 66 FR 63503; Interim Approval 02/05/96 61 FR 4217]	-	-
1162	*Polyester Resin Operations*	8/27/2007:	SIP: Approved 11/24/2008; 40 CFR 52.220(c)(354)(i)(B)(1).	Y	
1162	*Polyester Resin Operations*	4/23/2018	SIP Pending. SIP Submittal Date to EPA 7/5/2018	Y	By design, the weight average monomer VOC content (weight percent) limits are at least as stringent as the RPC MACT/NESHAP Limitations. Included in RACT SIP Submittal. Expect approval in 2019.

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Page 29: [19] Commented [SH3] **Sheri Haggard** **11/27/2023 10:00:00 AM**

Since this is a fiberglass facility shouldn’t we add the application techniques, Table 2, work practices, solvent cleaning requirements,etc?

Page 29: [20] Commented [RN4R3] **Roseana Navarro-Brasington** **12/7/2023 3:42:00 PM**

Added application techniques, work practices, solvent cleaning, Fibercare does not make boats so I did not add Table 2 which is specific to boat making