

MOJAVE DESERT
AIR QUALITY MANAGEMENT DISTRICT

Federal Operating Permit Number: 3101437

For: SOUTHERN CALIFORNIA GAS
COMPANY

Facility: Blythe Compressor Station

Issued Pursuant to MDAQMD Regulation XII
Effective Date: October 29, 2014

●SEE TITLE V PAGE 2 FOR PERMIT REVISION SUMMARY●

This Federal Operating Permit Expires
October 29, 2019

Issued By: Eldon Heaston
Air Pollution Control Officer



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PERMIT REVISIONS

2016 Administrative Permit Change (by: Samuel J Oktay, PE); Updated contact information; Page I-4

2014 Administrative Permit Renewal (by: Samuel J Oktay, PE); Revised Rule 1113 references; all Rule SIP History and Status moved to Appendix VII page VII-48 to VII-55; Revised Contact Information; corrected equipment descriptions; removed references to equipment no longer on site; revised permit conditions and descriptions for all IC Engines to include RICE NESHAP 40 CFR Part 63 Subpart ZZZZ requirements. Added Permit Revision Summary, Page 2; added Rule 1211 Requirements regarding GHG emissions to Page II-18.

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PART I INTRODUCTORY INFORMATION

A. FACILITY IDENTIFYING INFORMATION:

Owner/Company Name: SOUTHERN CALIFORNIA GAS COMPANY

Owner Mailing Address: Southern California Gas Company
P.O. Box 2300, Chatsworth CA 91313

Facility Name: Blythe Compressor Station

Facility Location: 13-100 West 14th Avenue, Blythe, CA 92225

MDAQMD Federal Operating Permit Number: 3101437

MDAQMD Company Number: 0031

MDAQMD Facility Number: 01437

Responsible Official: Mr. Carlos Gaeta
Title: Field Operations Manager
Phone Number: 760-243-6574

Facility "Site" Contact #1: Mike Henshaw
Phone Number: (909) 845-0750

Facility "Site" Contact #2: Harold Lang, Environmental
Phone Number: (818) 701-2514

Facility "Off Site" Contacts: Darrell Johnson
Phone Number: (213) 244-2142

Nature of Business: Natural Gas Compression and Transmission
SIC Code: 4922 – Natural Gas Pipeline
Facility Location: UTM (Km) 718.704E / 3720.720N

B. **FACILITY IC ENGINE EQUIPMENT DESCRIPTION:**
Federal Operating Permit (FOP number: 3101437) for Southern California Gas Company (SCG), Blythe Compressor Station, located at 13-100 West 14th Avenue, Blythe, CA 92225. SCG, Blythe Compressor Station - is a natural gas compression and transmission pipeline facility located near Blythe, California. IC Engine Equipment description as follows, C through F:

C. Eight (8) IC Engines (MDAQMD Permit #B004154), INTERNAL COMBUSTION ENGINE, STATIONARY - Consisting of the following equipment:
Year of MFG 1948; 2SLB; Pursuant to 40 CFR 63 Subpart ZZZZ, § 63.6600; these existing 2SLB engines each with a rating of more than 500 brake HP and located at a major source of HAP emissions do NOT need to comply with the emission limitations in Tables 1a, 2a, 2c, and 2d to this subpart or operating limitations in Tables 1b and 2b of this subpart; Engines are Eight Dresser-Clark Model HBA natural gas-fired engines driving natural gas compressors in two plants as specified below (engines one through 7 completed construction in 1948) rated at 1760 BHP each:

Capacity Equipment Description

1760 Serial No. 30129 driving Compressor 8 (Plant #1)
1760 Serial No. 30151 driving Compressor 9 (Plant #1)
1760 Serial No. 30194 driving Compressor 10 (Plant #1)
1760 Serial No. 30251 driving Compressor 11 (Plant #2)
1760 Serial No. 30250 driving Compressor 12 (Plant #2)
1760 Serial No. 30263 driving Compressor 13 (Plant #2)
1760 Serial No. 30264 driving Compressor 14 (Plant #2)
1760 Serial No. 30265 driving Compressor 15 (Plant #2)

D. **IN AUXILIARY BUILDING # 2: IC ENGINES:**
Permit # B004158, IC ENGINE, STATIONARY, NATURAL GAS (GENERATOR #5) (PLT #2, AUX-BLDG), consisting of: Year of Mfg 1953, Equipped with an DCL America NSCR Catalyst DC73-8 CC; 4SRB; Engine is Subject to RICE NESHAP 40 CFR Part 63 Subpart ZZZZ, and is located at a HAP Major Source One Ingersoll Rand, NG fired internal combustion engine Model No. PSVG and Serial No. 6BPS175, producing 408 bhp with 6 cylinders at 514 rpm while consuming a maximum of 5300 scf/hr. This equipment powers a GE Generator Model No. GEH-709 and Serial No. 8103959, rated at 280 kW(e).

Permit # B004159, NATURAL GAS IC ENGINE, STATIONARY, (PLT #2, AUX-BLDG) consisting of: Year of Mfg Unknown; 4SRB; Engine is Subject to RICE NESHAP 40 CFR Part 63 Subpart ZZZZ, and is located at a HAP Major Source One Waukesha, NG fired internal combustion engine Model No. F817QU and Serial No.

401493, producing 160 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 1520 scf/hr, equipped with an DCL America NSCR Catalyst. This equipment powers a Ingersoll Rand Compressor Model No. T 40 and Serial No. T 40 M0455 D89A, rated at 250 PSI.

E. In Plant #3 – TWO (2) IC ENGINES WITH EMISSION CONTROLS:

1. Permit #B008079, IC ENGINE, STATIONARY, NATURAL GAS (COMPRESSOR #1) consisting of: Year of MFG 2002; 4SLB, Engine Exhaust is vented through an Oxidation Catalyst System Permitted as C008086. Pursuant to 40 CFR § 63.6600; this existing 4SLB with a site rating of more than 500 brake HP located at a major source of HAP emissions is NOT required to comply with the emission limitations in Tables 1a, 2a, 2c, and 2d to this subpart or operating limitations in Tables 1b and 2b to this subpart. One Caterpillar, NG fired internal combustion engine Model No. G3612 and Serial No. Unknown, After Cooled, Turbo Charged, Direct Injected, producing 3785 bhp with 12 cylinders at 1000 rpm while consuming a maximum of 28230 scf/hr. This equipment powers a Ariel Compressor Model No. JGC/6 or equivalent and Serial No. NULL, rated at 265 MMcfd @ 813 psig.
2. Permit #B008080, IC ENGINE, STATIONARY, NATURAL GAS (COMPRESSOR #2) consisting of: Year of MFG tbd; 4SLB, Engine Exhaust is vented through an Oxidation Catalyst System Permitted as C008087. Pursuant to 40 CFR § 63.6600; this existing 4SLB with a site rating of more than 500 brake HP located at a major source of HAP emissions is NOT required to comply with the emission limitations in Tables 1a, 2a, 2c, and 2d to this subpart or operating limitations in Tables 1b and 2b to this subpart. One Caterpillar, NG fired internal combustion engine Model No. G3612 and Serial No. Unknown, After Cooled, Turbo Charged, Direct Injected, producing 3785 bhp with 12 cylinders at 1000 rpm while consuming a maximum of 28230 scf/hr. This equipment powers a Ariel Compressor Model No. JGC/6 or equivalent and Serial No. NULL, rated at 265 MMcfd @ 813 psig.

- F. Permit # B008081; IC ENGINE, STATIONARY, NATURAL GAS (GENERATOR #1) consisting of: Year of Mfg tbd, 4SRB; Engine is Subject to RICE NESHAP 40 CFR Part 63 Subpart ZZZZ for engines located at a HAP Major Source. Engine Exhaust is vented through an NSCR Permitted as C008089. One Caterpillar, NG fired internal combustion engine Model No. G3412 SI TA and Serial No. tbd, After Cooled, Turbo Charged, producing 400 bhp with 12 cylinders at 1200 rpm while consuming a maximum of 3774 scf/hr. This equipment powers a Magnetek Generator Model No. NULL and Serial No. NULL, rated at 275 kW(e).

Permit # B008082; IC ENGINE, STATIONARY, NATURAL GAS (GENERATOR #2) consisting of: Year of Mfg tbd, 4SRB, Engine is Subject to RICE NESHAP 40 CFR Part 63 Subpart ZZZZ for engines located at a HAP Major Source. Engine Exhaust is vented through an NSCR Permitted as C008090. One Caterpillar, NG fired internal combustion engine Model No. G3412 SI TA and Serial No. tbd, After Cooled, Turbo Charged, producing 400 bhp with 12 cylinders at 1200 rpm while consuming a maximum of 3774 scf/hr. This equipment powers a Magnetek Generator Model No. NULL and Serial No. NULL, rated at 275 kW(e).

Permit # B008083; IC ENGINE, STATIONARY, NATURAL GAS (GENERATOR #3) consisting of: Year of Mfg tbd, 4SRB, Engine is Subject to RICE NESHAP 40 CFR Part 63 Subpart ZZZZ for engines located at a HAP Major Source. Engine Exhaust is vented through an NSCR Permitted as C008091. One Caterpillar, NG fired internal combustion engine Model No. G3412 SI TA and Serial No. tbd, After Cooled, Turbo Charged, producing 400 bhp with 12 cylinders at 1200 rpm while consuming a maximum of 3774 scf/hr. This equipment powers a Magnetek Generator Model No. NULL and Serial No. NULL, rated at 275 kW(e).

Permit # B008084; IC ENGINE, NATURAL GAS (GENERATOR #4) consisting of: Year of Mfg tbd, 4SRB, Engine is Subject to RICE NESHAP 40 CFR Part 63 Subpart ZZZZ for engines located at a HAP Major Source. Engine Exhaust is vented through an NSCR Permitted as C008092. One Caterpillar, NG fired internal combustion engine Model No. G3412 SI TA and Serial No. tbd, After Cooled, Turbo Charged, producing 400 bhp with 12 cylinders at 1200 rpm while consuming a maximum of 3774 scf/hr. This equipment powers a Magnetek Generator Model No. NULL and Serial No. NULL, rated at 275 kW(e).

- G. FACILITY ANCILLARY SUPPORT EQUIPMENT DESCRIPTION:
Miscellaneous ancillary support equipment includes; Two (2) 1180 gallon aboveground pipeline transfer oil storage tanks # 1-L and 2-L; one (1) 5300 gallon aboveground IC engine oil storage tank; two (2) 1200 gallon aboveground transfer oil storage tanks # 1 (T004134) in SW corner of Plant # 1 and # 2 (T004422) in SE corner of Plant # 2; and one (1) non-retail gasoline dispensing facility:
- G-1. MDAQMD PERMIT NUMBERS; T004135 (DRIP TANK # 1 - L); AND, T004138 (DRIP TANK # 2 - L); PIPELINE DRIP WASTE LIQUID STORAGE TANKS, 1180 GALLON EACH:
- G-2. MDAQMD PERMIT NUMBER T004136; WASTE OIL STORAGE TANK, CONSISTING OF; ONE (1) 5300 GALLON ABOVEGROUND IC ENGINE WASTE

OIL STORAGE TANK:

- G-3. TWO (2) 1200 GALLON ABOVEGROUND TRANSFER OIL STORAGE TANKS # 1 (T004134) IN SW CORNER OF PLANT # 1, AND # 2 (T004422) IN SE CORNER OF PLANT # 2:
- G-4. MDAQMD PERMIT NUMBER N004119; GASOLINE DISPENSING FACILITY (NON-RETAIL), CONSISTING OF:
- a. Tanks - Number of Tanks: 1
 - Tank Number: 1
 - 1. Material Stored: (87) Unleaded
 - 2. Volume Gallons: 6,000
 - 3. Aboveground (A): U
 - b. Dispensing Equipment:
 - 1. Gasoline Dispensing Nozzles (Number): 1
 - 2. Phase I Vapor Recovery per CARB EO VR-101
 - 3. Phase II Vapor Recovery System (Type) Balance Per CARB EO VR-203
- G-5 MDAQMD PERIT NUMBER T010103: NATURAL GAS ODORANT STORAGE AND INJECTION SYSTEM consisting of: A 10,000 gallon odorant tank and related equipment. This system is electrically operated but odorant injection is achieved with a pipeline-pressure driven pump. This permit includes the injection system (odorant control system, odorant metering system, odorant filtering equipment, and related appurtenances).

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

A. REQUIREMENTS APPLICABLE TO ENTIRE FACILITY AND EQUIPMENT:

1. A permit is required to operate this facility. [Rule 203]
2. The equipment at this facility shall not be operated contrary to the conditions specified in the District Permit to Operate. [Rule 203]
3. The Air Pollution Control Officer (APCO) may impose written conditions on any permit. [Rule 204]
4. Commencing work or operation under a permit shall be deemed acceptance of all the conditions so specified. [Rule 204]
5. Posting of the Permit to Operate is required on or near the equipment or as otherwise approved by the APCO/District. [Rule 206]
6. Owner/Operator shall not willfully deface, alter, forge, or falsify any permit issued under District rules. [Rule 207]
7. Permits are not transferable. [Rule 209]
8. The APCO may require the Owner/Operator to provide and maintain such facilities as are necessary for sampling and testing. [Rule 217]
9. The equipment at this facility shall not require a District permit or be listed on the Title V permit if such equipment is listed in Rule 219 and meets the applicable criteria contained in Rule 219 (B). However, any exempted insignificant activities/equipment are still subject to all applicable facility-wide requirements. [Rule 219]
10. The Owner/Operator of this facility shall obtain a Federal Operating Permit for operation of this facility. [Rule 221]
11. Owner/Operator shall pay all applicable MDAQMD permit fees. [Rule 301]

12. Owner/Operator shall pay all applicable MDAQMD Title V Permit fees. [Rule 312]
13. Stack and point source visible emissions from this facility, of any air contaminant (including smoke) into the atmosphere, shall not equal or exceed Ringelmann No. 1 for a period or periods aggregating more than three minutes in any one hour:
 - (a) While any unit is fired on Public Utilities Commission (PUC) grade natural gas, Periodic Monitoring for combustion equipment is not required to validate compliance with the Rule 401 Visible Emissions limit. However, the Owner/Operator shall comply with the recordkeeping requirements stipulated elsewhere in this permit regarding the logging of fuel type, amount, and suppliers' certification information.
 - (b) While any unit is fired on diesel fuel, Periodic Monitoring, in addition to required recordkeeping, is required to validate compliance with Rule 401 Visible Emissions limit as indicated below:
 - (i). Reciprocating engines equal or greater than 1000 horsepower, firing on only diesel with no restrictions on operation, a visible emissions inspection is required every three (3) months or during the next scheduled operating period if the unit ceases firing on diesel/distillate within the 3-month time frame.
 - (ii). Diesel Standby and emergency reciprocating engines using California low sulfur fuels require no additional monitoring for opacity.
 - (iii). Diesel/Distillate-Fueled Boilers firing on California low sulfur fuels require a visible emissions inspection after every 1 million gallons diesel combusted, to be counted cumulatively over a 5-year period.
 - (iv). On any of the above, if a visible emissions inspection documents opacity, an U.S. Environmental Protection Agency (EPA) Method 9 "Visible Emissions Evaluation" shall be completed within 3 working days, or during the next scheduled operating period if the unit ceases firing on diesel/distillate within the 3 working day time frame. [Rule 204; Rule 401; 40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]
14. Owner/Operator is limited to use of the following quality fuels for fuel types specified elsewhere in this permit: PUC quality natural gas fuel - sulfur compounds shall not exceed 800 parts per million (ppm) calculated as hydrogen sulfide at standard conditions; diesel fuel - sulfur content shall not exceed 0.5 percent by weight. Compliance with Rule 431 fuel sulfur limits is assumed for PUC quality natural gas fuel and CARB certified diesel fuel. Records shall be kept on-site and available for review by District, state, or federal personnel at any time. The sulfur content of non-CARB certified diesel fuel shall be determined by use of American Society for Testing and Materials (ASTM) method D 2622-82 or ASTM method D 2880-71, or equivalent.

[Rule 431; 40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

15. Emissions of fugitive dust from any transport, handling, construction, or storage activity at this facility shall not be visible in the atmosphere beyond the property line of the facility.
[Rule 403]
16. Owner/Operator shall comply with the applicable requirements of Rule 403.2 unless an “Alternative PM₁₀ Control Plan” (ACP) pursuant to Rule 403.2(G) has been approved.
[Rule 403.2]
17. Owner/Operator shall not discharge into the atmosphere from this facility, particulate matter (PM) except liquid sulfur compounds, in excess of the concentration at standard conditions, shown in Rule 404, Table 404 (a).
 - (a) Where the volume discharged is between figures listed in the table the exact concentration permitted to be discharged shall be determined by linear interpolation.
 - (b) This condition shall not apply to emissions resulting from the combustion of liquid or gaseous fuels in steam generators or gas turbines.
 - (c) For the purposes of this condition, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.[Rule 404]
18. Owner/Operator shall not discharge into the atmosphere from this facility, solid PM including lead and lead compounds in excess of the rate shown in Rule 405, Table 405(a).
 - (a) Where the process weight per hour is between figures listed in the table, the exact weight of permitted discharge shall be determined by linear interpolation.
 - (b) For the purposes of this condition, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.[Rule 405]
19. Owner/Operator shall not discharge into the atmosphere from this facility, from any single source of emissions whatsoever, sulfur compounds, which would exist as a liquid or gas at standard conditions, calculated as sulfur dioxide (SO₂), greater than or equal to 500 ppm by volume. [Rule 406]
20. Owner/Operator shall not discharge into the atmosphere from this facility, carbon monoxide (CO) exceeding 2000 ppm measured on a dry basis, averaged over a minimum of 15 consecutive minutes.
 - (a) The provisions of this condition shall not apply to emissions from internal combustion engines.[Rule 407]

21. Owner/Operator shall not build, erect, install, or use any equipment at this facility, the use of which, without resulting in a reduction in the total release of air contaminants to the atmosphere, reduces or conceals an emission that would otherwise constitute a violation of Chapter 3 (commencing with Section 41700) of Part 4, of Division 26 of the Health and Safety Code or of District Rules.
 - (a) This condition shall not apply to cases in which the only violation involved is of Section 41700 of the Health and Safety Code, or of District Rule 402.
[Rule 408]

22. Owner/Operator shall not discharge into the atmosphere from this facility from the burning of fuel, combustion contaminants exceeding 0.23 gram per cubic meter (0.1 grain per cubic foot) of gas calculated to 12 percent of carbon dioxide (CO₂) at standard conditions averaged over a minimum of 25 consecutive minutes. [Rule 409]

23. APCO, at his/her discretion, may refrain from enforcement action against an Owner/Operator of any equipment that has violated a technology-based emission limitation, including but not limited to conditions contained in any permit issued by the District establishing such emission limitation, provided that a Breakdown has occurred and:
 - (a) Any breakdown that results in emissions exceeding a technology-based emission limitation is reported to the District within one hour of such breakdown or within one hour of the time a person knew or reasonably should have known of the occurrence of such breakdown; and
 - (b) An estimate of the repair time is provided to the District as soon as possible after the report of the breakdown; and
 - (c) All reasonable steps are immediately taken to minimize the levels of emissions and to correct the condition leading to the excess emissions.
 - (d) The equipment is operated only until the end of a cycle or twenty-four (24) hours, whichever is sooner, at which time it shall be shut down for repairs unless a petition for an emergency variance has been filed with the clerk of the Hearing Board in accordance with Regulation V.
 - (e) If the breakdown occurs outside normal District working hours, the intent to file an emergency variance shall be transmitted to the District in a form and manner prescribed by the APCO.
[Rule 430]

24. Owner/Operator of this facility shall not discharge into the atmosphere emissions in excess of the following from VOC containing materials or from organic solvents which are not VOCs unless such emissions have been reduced by at least 85%:

- (a) VOCs from all VOC containing materials, Emissions Units, equipment or processes subject to this rule, in excess of 540 kilograms (1,190 pounds) per month per Facility.
 - (b) a non-VOC organic solvent in excess of 272 kilograms (600 pounds) per day as calculated on a thirty (30) day rolling average.
 - (c) The provisions of this condition shall not apply to:
 - (1) The manufacture of organic solvents, or the transport or storage of organic solvents, or the transport or storage of materials containing organic solvents.
 - (2) The emissions of VOCs from VOC-containing materials or equipment which are subject to the rules of Regulation IV or which are exempt from air pollution control requirements by said rules.
 - (3) The spraying or other employment of organic solvents as insecticides, pesticides or herbicides.
 - (4) The use of equipment or materials for which other requirements are specified in source specific rules of Regulation XI after the compliance dates specified in such source specific rules.
 - (5) The use of 1-1-1 Trichloroethane.
 - (6) Aerosol products
[Rule 442]
25. 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]
26. Owner/Operator of this facility shall comply with the Organic Solvent Degreasing Operations requirements of Rule 1104 when engaged in wipe cleaning, cold solvent cleaning, and/or vapor cleaning (degreasing) operations for metal/non-metal parts/products. These requirements are listed as follows:
- (a) Rule 442 Applicability: Any solvent using operation or facility which is not subject to the source-specific Rule 1104 shall comply with the provisions of Rule 442. Any solvent using operation or facility which is exempt from all or a portion of the volatile organic compound (VOC) limits, equipment limits or the operational limits of Rule 1104 shall be subject to the applicable provisions of Rule 442.
 - (b) Solvent Usage Records. Owner/Operator subject to Rule 1104 or claiming any exemption under Rule 1104, Section (E), shall comply with the following requirements:

- (1) Maintain and have available during an inspection, a current list of solvents in use at the facility which provides all of the data necessary to evaluate compliance, including the following information separately for each degreaser, as applicable:
 - (i) product name(s) used in the degreaser, and
 - (ii) the mix ratio of solvent compounds mixtures of solvents are used, and
 - (iii) VOC content of solvent or mixture of compounds as used, and
 - (iv) the total volume of the solvent(s) used for the facility, on a monthly basis, and
 - (v) the name and total volume applied of wipe cleaning solvent(s) used, on a monthly basis.

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

- (3) Records shall be retained (at facility) and available for inspection by District, state or federal personnel for the previous 5-year period as required by this Title V / Federal Operating Permit (Reference Rule 1203(D)(1)(d)(ii)).

[Rule 1104]

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

MDAQMD Rule 1113, Table 1

Coating Category	Effective 1 January 2013 VOC Grams/Liter
Primary Coatings	
Flat Coatings	50
Nonflat Coatings	100
Nonflat-High Gloss Coatings	150
Specialty Coatings	
Aluminum Roof Coatings	400
Basement Specialty Coatings	400
Bituminous Roof Coatings	50
Bituminous Roof Primers	350
Bond Breakers	350
Concrete Curing Compounds	350
Concrete/Masonry Sealers	100
Driveway Sealers	50
Dry Fog Coatings	150

Faux Finish 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
(a: Limit is expressed as VOC Actual)	
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 Penetrative 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
[Rule 1113]	

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

(1) VOC Content of Coatings & Adhesives

- (a) Any Owners and/or Operators of Wood Products Coating Application Operations shall not apply any Coating or Adhesive to a Wood Product which has a VOC Content, including any VOC-containing material added to the original Coating supplied by the manufacturer, which exceeds the

applicable limit specified below, unless emissions to the atmosphere are controlled by air pollution abatement equipment with an Overall Control Efficiency of at least 85 percent. Any Coating subject to this rule that meets either of the two VOC Content limit formats (grams per liter or pounds per gallon [lb/gal]) is in compliance with this subsection.

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

Coating	Current Limit g/L (lb/gal)	On and After 7/1/97		On and After 7/1/2005
		Column I or g/L (lb/gal)	Column II g/L (lb/gal)	g/L (lb/gal)
Clear Sealers	680 (5.7)	550 (4.6)	680 (5.7)	275 (2.3)
Clear Topcoat	680 (5.7)	550 (4.6)	275 (2.3)	275 (2.3)
Pigmented Primers, Sealers and Undercoats	600 (5.0)	550 (4.6)	600 (5.0)	275 (2.3)
Pigmented Topcoats	600 (5.0)	550 (4.6)	275 (2.3)	275 (2.3)

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

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

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

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

Coating	g/L (lb/gal)
Pigmented Topcoats	600 (5.0)

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

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

[Rule 1114]

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

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

<u>LIMITS</u>		
(Grams of VOC Per Liter of Coating, Less Water and Less Exempt Compounds)		
<u>Coating</u>	<u>Air Dried</u>	<u>Baked</u>
	g/L (lb/gal)	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)

[Rule 1115]

30. 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]

31. 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. [Rule 1211]

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

1. Any data and records generated and/or kept pursuant to the requirements in this federal

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

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

3. Owner/Operator of permit units subject to Comprehensive Emissions Inventory Report / Annual Emissions Determinations for District, state, and federal required Emission Inventories shall monitor and record the following for each unit:
 - (a) The cumulative annual usage of each fuel type. The cumulative annual usage of each fuel type shall be monitored from utility service meters, purchase or tank fill records.
 - (b) Fuel suppliers' fuel analysis certification/guarantee including fuel sulfur content shall be kept on site and available for inspection by District, state or federal personnel upon request. The sulfur content of diesel fuel shall be determined by use of ASTM method D2622-82, or (ASTM method D 2880-71, or equivalent).
Vendor data meeting this requirement are sufficient.
[40 CFR 70.6(a)(3)(B) – *Periodic Monitoring Requirements*; Rule 204; 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 (a) Owner/Operator shall submit Compliance Certifications as prescribed by Rule 1203(F)(1) and Rule 1208, in a format approved by MDAQMD. Compliance Certifications by a Responsible Official shall certify the truth, accuracy and completeness of the document submitted and contain a statement to the effect that the certification is based upon information and belief, formed after a reasonable inquiry; the statements and information in the document are true, accurate, and complete.
[40 CFR 70.6(c)(5)(i); Rule 1208; Rule 1203(D)(1)(vii-x)]
 - (b) Owner/Operator shall include in any Compliance Certification the methods used for monitoring such compliance.
[40 CFR 70.6(c)(5)(ii); Rule 1203(D)(1)(g)(viii)]
 - (c) Owner/Operator shall comply with any additional certification requirements as specified

in 42 United States Code (U.S.C.) §7414(a)(3), Recordkeeping, Inspections, Monitoring and Entry (Federal Clean Air Act §114(a)(3)) and 42 U.S.C. §7661c(b), Permit Requirements and Conditions (Federal Clean Air Act §503(b)), or in regulations promulgated thereunder. [Rule 1203 (D)(1)(g)(x)]

- (d) Owner/operator shall submit a *Compliance Certification Report* to the APCO/District on an *annual* basis. The *Compliance Certification Report* shall be postmarked by May 30th of each year. Each report must cover the annual period from May 1st through April 30th and shall be certified to be true, accurate, and complete by “The Responsible Official”. A copy of this annual report shall also be contemporaneously submitted to the EPA Region IX Administrator. [40 CFR 72.90.a and *Derived from* Rule 1203 (D)(1)(g)(v - x)]
[40 CFR 72.90.a and Rule 1203 (D)(1)(g)(v - x)]

5. Owner/Operator shall submit, on a *semi-annual* basis a *Monitoring Report* to the APCO/District. Each *Monitoring Report* shall cover the periods from May 1st to October 31st, and be postmarked by the 30th of November, and from November 1st to April 30th, and be postmarked by the 30th of May. This *Monitoring Report* shall be certified to be true, accurate, and complete by “The Responsible Official” and shall include the following information and/or data:
- (a) Summary of deviations from any federally-enforceable requirement in this permit.
 - (b) Summary of all emissions monitoring and analysis methods required by any Applicable Requirement / federally - enforceable requirement.
 - (c) Summary of all periodic monitoring, testing or record keeping (including test methods sufficient to yield reliable data) to determine compliance with any Applicable Requirement / federally - enforceable requirement that does not directly require such monitoring.

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

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

Prompt reporting shall be determined as follows:

- (a) For deviations involving emissions of air contaminants in excess of permit conditions including but not limited to those caused by a breakdown, prompt reporting shall be within one hour of the occurrence of the excess emission or within one hour of the time a person knew or reasonably should have known of the excess emission. Documentation and other relevant evidence regarding the

excess emission shall be submitted to the District within sixty (60) days of the date the excess emission was reported to the District. [SIP Pending: Rule 430 - *Breakdown Provisions* as amended 12/21/94 and submitted 02/24/95]

- (b) For other deviations from permit conditions not involving excess emissions of air contaminants shall be submitted to the District with any required monitoring reports at least every six (6) months. [Rule 1203(D)(1)(e)(i)]

- 7. If any facility unit(s) should be determined not to be in compliance with any federally enforceable requirement during the 5-year permit term, then Owner/Operator shall obtain a *Schedule of Compliance* approved by the District Hearing Board pursuant to the requirements of MDAQMD Regulation 5 (Rules 501 - 518). In addition, Owner/Operator shall submit a *Progress Report* on the implementation of the *Schedule of Compliance*. The *Schedule of Compliance* shall contain the information outlined in (b), below. The *Progress Report* shall contain the information outlined in (c), below. The *Schedule of Compliance* shall become a part of this Federal Operating Permit by administrative incorporation. The *Progress Report* and *Schedule of Compliance* shall comply with Rule 1201(I)(3)(iii) and shall include:

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

C. FACILITY-WIDE COMPLIANCE CONDITIONS:

- 1. Owner/Operator shall allow an authorized representative of the MDAQMD to enter upon the permit holder's premises at reasonable times, with or without notice.

[40 CFR 70.6(c)(2)(i); Rule 1203(D)(1)(g)(i)]

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

MDAQMD Federal Operating Permit Number: 3101437
Southern California Gas Company - Blythe Compressor Station
Last Revision: March 02, 2016

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

- A. Eight (8) IC Engines (MDAQMD Permit #B004154), INTERNAL COMBUSTION ENGINE, STATIONARY - Consisting of the following equipment:
Year of MFG 1948; 2SLB; Pursuant to 40 CFR 63 Subpart ZZZZ, § 63.6600; these existing 2SLB engines each with a rating of more than 500 brake HP and located at a major source of HAP emissions do NOT need to comply with the emission limitations in Tables 1a, 2a, 2c, and 2d to this subpart or operating limitations in Tables 1b and 2b of this subpart; Engines are Eight Dresser-Clark Model HBA natural gas-fired engines driving natural gas compressors in two plants as specified below (engines one through 7 completed construction in 1948) rated at 1760 BHP each:

Capacity Equipment Description

1760 Serial No. 30129 driving Compressor 8 (Plant #1)
1760 Serial No. 30151 driving Compressor 9 (Plant #1)
1760 Serial No. 30194 driving Compressor 10 (Plant #1)
1760 Serial No. 30251 driving Compressor 11 (Plant #2)
1760 Serial No. 30250 driving Compressor 12 (Plant #2)
1760 Serial No. 30263 driving Compressor 13 (Plant #2)
1760 Serial No. 30264 driving Compressor 14 (Plant #2)
1760 Serial No. 30265 driving Compressor 15 (Plant #2)

1. Operation of this equipment must be conducted in compliance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below. [Rule 204]
2. This equipment shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles. [Rule 204]
3. This ICE shall only be fired on utility supplied natural gas (NG). [Rule 204]
4. The o/o shall maintain a operations log for this unit current and on-site (or at a central location) for a minimum of five (5) years, and this log shall be provided to District, State and Federal personnel upon request. The log shall include, at a minimum, the

information specified below:

- a. Date of each use and duration of each use (in hours);
- b. Calendar year operation in terms of fuel consumption (in DSCF) and total hours.
- c. Keep records of maintenance
[Rule 204]

B. IN AUXILIARY BUILDING # 2: IC ENGINES:

Permit # B004158, IC ENGINE, STATIONARY, NATURAL GAS (GENERATOR #5) (PLT #2, AUX-BLDG), consisting of: Year of Mfg 1953, Equipped with an DCL America NSCR Catalyst DC73-8 CC; 4SRB; Engine is Subject to RICE NESHAP 40 CFR Part 63 Subpart ZZZZ, and is located at a HAP Major Source One Ingersoll Rand, NG fired internal combustion engine Model No. PSVG and Serial No. 6BPS175, producing 408 bhp with 6 cylinders at 514 rpm while consuming a maximum of 5300 scf/hr. This equipment powers a GE Generator Model No. GEH-709 and Serial No. 8103959, rated at 280 kW(e).

Permit # B004159, NATURAL GAS IC ENGINE, STATIONARY, (PLT #2, AUX-BLDG) consisting of: Year of Mfg Unknown; 4SRB; Engine is Subject to RICE NESHAP 40 CFR Part 63 Subpart ZZZZ, and is located at a HAP Major Source One Waukesha, NG fired internal combustion engine Model No. F817QU and Serial No. 401493, producing 160 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 1520 scf/hr, equipped with an DCL America NSCR Catalyst. This equipment powers a Ingersoll Rand Compressor Model No. T 40 and Serial No. T 40 M0455 D89A, rated at 250 PSI.

1. Operation of this equipment must be conducted in compliance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
[Rule 204]
2. The owner/operator must operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions. [40 CFR § 63.6625; Rule 204]
3. This ICE shall only be fired on utility supplied natural gas (NG). [40 CFR 70.6 (a)(3)(B); Rule 204]

4. The o/o shall maintain a operations log for this unit current and on-site (or at a central location) for a minimum of five (5) years, and this log shall be provided to District, State and Federal personnel upon request. The log shall include, at a minimum, the information specified below:
 - a. Date of each use and duration of each use (in hours);
 - b. Calendar year operation in terms of fuel consumption (in DSCF) and total hours.
 - c. Keep records of maintenance[Rule 204]
5. This unit is subject to the requirements of 40 CFR 63 Subpart ZZZZ (RICE NESHAP). In the event of conflict between conditions, the referenced regulatory citation, and the District Rule, the more stringent requirements shall govern.
[Rule 204]
6. Pursuant to 40 CFR § 63.6612, since this RICE is less than or equal to 500 brake HP and located at a major source of HAP emissions, the O/O shall comply with the applicable emission limitations, operating limitations, and other requirements no later than October 19, 2013.
7. Pursuant to 40 CFR § 63.6602, the owner/operator of this RICE must comply with the emission limitations and other applicable requirements in Table 2c of this subpart. Compliance with the numerical emission limitations established in this subpart shall be based on the results of testing the average of three 1-hour runs using the testing requirements and procedures in § 63.6620 and Table 4 to this subpart.
8. Pursuant to the emission limitations for this Non-emergency, non-black start 4SRB stationary RICE 100<HP<500; the O/O shall limit concentration of formaldehyde in the tationary RICE exhaust to 10.3 ppmvd or less at 15 percent O₂. [Table 2c to Subpart ZZZZ of Part 63—Requirements for Existing Compression Ignition Stationary RICE Located at a Major Source of HAP Emissions and Existing Spark Ignition Stationary RICE <500 HP Located at a Major Source of HAP]
9. The owner/operator of this NSCR equipped engine shall maintain the catalyst inlet temperature is > 750 F and < 1250 F. [Rule 204 - *Permit Conditions*; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 - 43 FR 52237; Current Rule Version = 07/25/77]
10. The owner/operator shall conduct an initial performance test by April 19, 2014 as required by 63.6610(a).

11. The owner/operator shall submit to the MDAQMD several different notifications and reports, including initial notification, notification of performance test, notification of compliance status (including performance test results), semiannual compliance reports, and startup, shutdown and malfunction reports. [Rule 204]
 12. The owner/operator shall conduct performance tests using (1) Method 1 or 1A of 40 CFR part 60, appendix A § 63.7(d)(1)(i); (a) sampling sites must be located at the inlet and outlet of the control device. The average formaldehyde concentration, as applicable, corrected to 15 percent O₂, dry basis, from three test runs shall be less than or equal to the formaldehyde concentration limitation, as applicable. [Table 4 to Subpart ZZZZ of Part 63—Requirements for Performance Tests]
- C. In Plant #3 – TWO (2) IC ENGINES WITH EMISSION CONTROLS:
1. Permit #B008079, IC ENGINE, STATIONARY, NATURAL GAS (COMPRESSOR #1) consisting of: Year of MFG 2002; 4SLB, Engine Exhaust is vented through an Oxidation Catalyst System Permitted as C008086. Pursuant to 40 CFR § 63.6600; this existing 4SLB with a site rating of more than 500 brake HP located at a major source of HAP emissions is NOT required to comply with the emission limitations in Tables 1a, 2a, 2c, and 2d to this subpart or operating limitations in Tables 1b and 2b to this subpart. One Caterpillar, NG fired internal combustion engine Model No. G3612 and Serial No. Unknown, After Cooled, Turbo Charged, Direct Injected, producing 3785 bhp with 12 cylinders at 1000 rpm while consuming a maximum of 28230 scf/hr. This equipment powers a Ariel Compressor Model No. JGC/6 or equivalent and Serial No. NULL, rated at 265 MMcfd @ 813 psig.
 2. Permit #B008080, IC ENGINE, STATIONARY, NATURAL GAS (COMPRESSOR #2) consisting of: Year of MFG 2002; 4SLB, Engine Exhaust is vented through an Oxidation Catalyst System Permitted as C008087. Pursuant to 40 CFR § 63.6600; this existing 4SLB with a site rating of more than 500 brake HP located at a major source of HAP emissions is NOT required to comply with the emission limitations in Tables 1a, 2a, 2c, and 2d to this subpart or operating limitations in Tables 1b and 2b to this subpart. One Caterpillar, NG fired internal combustion engine Model No. G3612 and Serial No. Unknown, After Cooled, Turbo Charged, Direct Injected, producing 3785 bhp with 12 cylinders at 1000 rpm while consuming a maximum of 28230 scf/hr. This equipment powers a Ariel Compressor Model No. JGC/6 or equivalent and Serial No. NULL, rated at 265 MMcfd @ 813 psig.
1. Operation of this equipment shall be conducted in compliance with all data and specifications submitted with the application under which this permit is issued unless

otherwise noted below. [Rule 204]

2. This equipment shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles. [Rule 204]

For B008079

3. This equipment shall not be operated without venting through the properly operating oxidation catalyst system with valid District Permit C008086 (this requirement shall not apply during a catalyst break-in period not to exceed thirty days beginning with the first firing of fuel in this unit). [Rule 204]

For B008080

3. This equipment shall not be operated without venting through the properly operating oxidation catalyst system with valid District Permit C008087 (this requirement shall not apply during a catalyst break-in period not to exceed thirty days beginning with the first firing of fuel in this unit). [Rule 204; 40 CFR 70.6 (a)(3)(B)]
4. Emissions from this equipment to the atmosphere shall not exceed the following emission limits:
 - a. Hourly rates, verified by compliance tests (initial compliance test in the case of PM10 and formaldehyde):
 - i. NO_x as NO₂ - 5.84 lb/hr and 0.7 gram/bhp-hr (averaged over one hour)
 - ii. VOC as CH₄ - 1.3 lb/hr and 0.15 gram/bhp-hr
 - iii. CO - 5.51 lb/hr and 0.66 gram/bhp-hr
 - iv. PM10 - 0.29 lb/hr (front and back half)
 - v. Formaldehyde - 0.452 lb/hr
 - b. Annual rates, based on a rolling 12 month summary, verified by fuel use and compliance tests:
 - i. NO_x - 51,168 pounds/year
 - ii. VOC - 10,964 pounds/year
 - iii. PM10 - 2494 pounds/year (front and back half)
 - iv. CO - 48,244 pounds/year

[Rule 204; 40 CFR 70.6 (a)(3)(B)]
5. Fuel consumption shall be monitored using a periodic monitoring system. The operator

shall install, calibrate, maintain and operate this monitoring system according to a District-approved monitoring plan, and it shall be installed prior to initial equipment startup. [Rule 204; 40 CFR 70.6 (a)(3)(B)]

6. The o/o shall perform the following compliance tests each year beginning in 2002 in accordance with the MDAQMD Compliance Test Procedural Manual. The test report shall be submitted to the District no later than six weeks prior to the expiration date of this permit. The following compliance tests are required:
 - a. NO_x as NO₂ in gm/bhp-hr and lb/hr (measured per USEPA Reference Methods 19 and 20)
 - b. VOC as CH₄ in gm/bhp-hr and lb/hr (measured per USEPA Reference Methods 25A or 18)
 - c. CO in gm/bhp-hr and lb/hr (measured per USEPA Reference Method 10)[Rule 204; 40 CFR 70.6 (a)(3)(B)]
7. The o/o shall maintain a log for this equipment, which, at a minimum, contains the information specified below. This log shall be maintained current and on-site for a minimum of five (5) years and shall be provided to District personnel on request:
 - a. Fuel consumption in standard cubic feet per calendar month.
 - b. Catalyst performance data (inlet temperature).[Rule 204; 40 CFR 70.6 (a)(3)(B)]
8. The owner/operator must operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions. [Rule 204; 40 CFR 70.6 (a)(3)(B)]
9. This ICE shall only be fired on utility supplied natural gas (NG). [Rule 204]
10. The o/o shall maintain a operations log for this unit current and on-site (or at a central location) for a minimum of five (5) years, and this log shall be provided to District, State and Federal personnel upon request. The log shall include, at a minimum, the information specified below:
 - a. Date of each use and duration of each use (in hours);
 - b. Calendar year operation in terms of fuel consumption (in DSCF) and total hours.[40 CFR §63.6655; Rule 204]
11. This unit is subject to the requirements of 40 CFR 63 Subpart ZZZZ (RICE NESHP). In

the event of conflict between conditions, the referenced regulatory citation, and the District Rule, the more stringent requirements shall govern. [Rule 204]

- D. **Permit # B008081; IC ENGINE, STATIONARY, NATURAL GAS (GENERATOR #1) consisting of:** Year of Mfg tbd, 4SRB; Engine is Subject to RICE NESHAP 40 CFR Part 63 Subpart ZZZZ for engines located at a HAP Major Source. Engine Exhaust is vented through an NSCR Permitted as C008089. One Caterpillar, NG fired internal combustion engine Model No. G3412 SI TA and Serial No. tbd, Turbo Charged, After Cooled, producing 400 bhp with 12 cylinders at 1200 rpm while consuming a maximum of 3774 scf/hr. This equipment powers a Magnetek Generator Model No. NULL and Serial No. NULL, rated at 275 kW(e).

Permit # B008082; IC ENGINE, STATIONARY, NATURAL GAS (GENERATOR #2) consisting of: Year of Mfg tbd, 4SRB, Engine is Subject to RICE NESHAP 40 CFR Part 63 Subpart ZZZZ for engines located at a HAP Major Source. Engine Exhaust is vented through an NSCR Permitted as C008090. One Caterpillar, NG fired internal combustion engine Model No. G3412 SI TA and Serial No. tbd, After Cooled, Turbo Charged, producing 400 bhp with 12 cylinders at 1200 rpm while consuming a maximum of 3774 scf/hr. This equipment powers a Magnetek Generator Model No. NULL and Serial No. NULL, rated at 275 kW(e).

Permit # B008083; IC ENGINE, STATIONARY, NATURAL GAS (GENERATOR #3) consisting of: Year of Mfg tbd, 4SRB, Engine is Subject to RICE NESHAP 40 CFR Part 63 Subpart ZZZZ for engines located at a HAP Major Source. Engine Exhaust is vented through an NSCR Permitted as C008091. One Caterpillar, NG fired internal combustion engine Model No. G3412 SI TA and Serial No. tbd, After Cooled, Turbo Charged, producing 400 bhp with 12 cylinders at 1200 rpm while consuming a maximum of 3774 scf/hr. This equipment powers a Magnetek Generator Model No. NULL and Serial No. NULL, rated at 275 kW(e).

Permit # B008084; IC ENGINE, NATURAL GAS (GENERATOR #4) consisting of: Year of Mfg tbd, 4SRB, Engine is Subject to RICE NESHAP 40 CFR Part 63 Subpart ZZZZ for engines located at a HAP Major Source. Engine Exhaust is vented through an NSCR Permitted as C008092. One Caterpillar, NG fired internal combustion engine Model No. G3412 SI TA and Serial No. tbd, After Cooled, Turbo Charged, producing 400 bhp with 12 cylinders at 1200 rpm while consuming a maximum of 3774 scf/hr. This equipment powers a Magnetek Generator Model No. NULL and Serial No. NULL, rated at 275 kW(e).

1. Operation of this equipment shall be conducted in compliance with all data and

specifications submitted with the application under which this permit is issued unless otherwise noted below. [Rule 204]

2. The owner/operator must operate and maintain the stationary RICE and after-treatment control device according to the manufacturer's emission-related written instructions or develop your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions. [40 CFR § 63.6625; Rule 204]

For Permit B008081:

3. This equipment shall not be operated without venting through the properly operating non-selective catalytic reduction (NSCR) system with valid District Permit C008089 (this requirement shall not apply during a catalyst break-in period not to exceed thirty days beginning with the first firing of fuel in this unit). [Rule 204; 40 CFR 70.6 (a)(3)(B)]

For Permit B008082:

3. This equipment shall not be operated without venting through the properly operating non-selective catalytic reduction (NSCR) system with valid District Permit C008090 (this requirement shall not apply during a catalyst break-in period not to exceed thirty days beginning with the first firing of fuel in this unit). [Rule 204; 40 CFR 70.6 (a)(3)(B) - Periodic Monitoring Requirements](For Periodic Monitoring Requirements; see Part II and Part III conditions)

For Permit B008083:

3. This equipment shall not be operated without venting through the properly operating non-selective catalytic reduction (NSCR) system with valid District Permit C008091 (this requirement shall not apply during a catalyst break-in period not to exceed thirty days beginning with the first firing of fuel in this unit). [Rule 204; 40 CFR 70.6 (a)(3)(B) - Periodic Monitoring Requirements](For Periodic Monitoring Requirements; see Part II and Part III conditions)

For Permit B008084:

3. This equipment shall not be operated without venting through the properly operating non-selective catalytic reduction (NSCR) system with valid District Permit C008092 (this requirement shall not apply during a catalyst break-in period not to exceed thirty days beginning with the first firing of fuel in this unit). [Rule 204; 40 CFR 70.6 (a)(3)(B) -

Periodic Monitoring Requirements](For Periodic Monitoring Requirements; see Part II and Part III conditions)

4. Emissions from this equipment to the atmosphere shall not exceed the following emission limits:
 - a. Hourly rates, verified by compliance tests (initial compliance test in the case of PM10 and formaldehyde):
 - i. NO_x as NO₂ - 0.27 lb/hr and 0.3 gram/bhp-hr (averaged over one hour)
 - ii. VOC as CH₄ - 0.13 lb/hr and 0.15 gram/bhp-hr
 - iii. CO - 0.58 lb/hr and 0.66 gram/bhp-hr
 - iv. PM10 - 0.074 lb/hr (front and back half)
 - v. Formaldehyde - 0.017 lb/hr
 - b. Annual rates, based on a rolling 12 month summary, verified by fuel use and compliance tests:
 - i. NO_x - 2317 pounds/year
 - ii. VOC - 1159 pounds/year
 - iii. PM10 - 648 pounds/year (front and back half)
 - iv. CO - 5100 pounds/year[Rule 204; [40 CFR 70.6 (a)(3)(B)]]
5. Fuel consumption shall be monitored using a periodic monitoring system. The operator shall install, calibrate, maintain and operate this monitoring system according to a District-approved monitoring plan, and it shall be installed prior to initial equipment startup. [Rule 204; 40 CFR 70.6 (a)(3)(B)]
6. The o/o shall perform the following compliance tests each year beginning in 2002 in accordance with the MDAQMD Compliance Test Procedural Manual. The test report shall be submitted to the District no later than six weeks prior to the expiration date of this permit. The following compliance tests are required:
 - a. NO_x as NO₂ in gm/bhp-hr and lb/hr (measured per USEPA Reference Methods 19 and 20)
 - b. VOC as CH₄ in gm/bhp-hr and lb/hr (measured per USEPA Reference Methods 25A or 18)
 - c. CO in gm/bhp-hr and lb/hr (measured per USEPA Reference Method 10)[Rule 204; 40 CFR 70.6 (a)(3)(B)]
7. The o/o shall maintain a log for this equipment, which, at a minimum, contains the information specified below. This log shall be maintained current and on-site for a minimum of five (5) years and shall be provided to District personnel on request:
 - a. Fuel consumption in standard cubic feet per calendar month.

- b. Catalyst performance data (inlet temperature and inlet oxygen content, or as specified by the District-approved Parametric Monitoring Protocol).
[Rule 204; 40 CFR 70.6 (a)(3)(B)]
8. Operation of this equipment must be conducted in compliance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below. [Rule 204; 40 CFR 70.6 (a)(3)(B)]
 9. The owner/operator must operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions. [40 CFR § 63.6625; Rule 204]
 10. This ICE shall only be fired on utility supplied natural gas (NG).
[Rule 204]
 11. The o/o shall maintain an operations log for this unit current and on-site (or at a central location) for a minimum of five (5) years, and this log shall be provided to District, State and Federal personnel upon request. The log shall include, at a minimum, the information specified below:
 - a. Date of each use and duration of each use (in hours);
 - b. Calendar year operation in terms of fuel consumption (in DSCF) and total hours.[40 CFR §63.6655; Rule 204]
 12. This unit is subject to the requirements of 40 CFR 63 Subpart ZZZZ (RICE NESHAP). In the event of conflict between conditions, the referenced regulatory citation, and the District Rule, the more stringent requirements shall govern. [Rule 204; 40 CFR 70.6 (a)(3)(B)]
 13. Pursuant to 40 CFR § 63.6612, since this RICE is less than or equal to 500 brake HP and located at a major source of HAP emissions, the O/O shall comply with the applicable emission limitations, operating limitations, and other requirements no later than October 19, 2013.
 15. Pursuant to the emission limitations for this Non-emergency, non-black start 4SRB stationary RICE 100<HP<500; the O/O shall limit concentration of formaldehyde in the stationary RICE exhaust to 10.3 ppmvd or less at 15 percent O₂. [Table 2c to Subpart ZZZZ of Part 63—Requirements for Existing Compression Ignition Stationary RICE

Located at a Major Source of HAP Emissions and Existing Spark Ignition Stationary RICE <500 HP Located at a Major Source of HAP]

16. The owner/operator of this NSCR equipped engine shall maintain the catalyst inlet temperature is > 750 F and < 1250 F. [Rule 204]
 17. The owner/operator shall conduct an initial performance test by April 19, 2014 as required by 63.6610(a).
 18. The owner/operator shall submit to the MDAQMD several different notifications and reports, including initial notification, notification of performance test, notification of compliance status (including performance test results), semiannual compliance reports, and startup, shutdown and malfunction reports. [Rule 204]
 19. The owner/operator shall conduct performance tests using (1) Method 1 or 1A of 40 CFR part 60, appendix A § 63.7(d)(1)(i); (a) sampling sites must be located at the inlet and outlet of the control device. The average formaldehyde concentration, as applicable, corrected to 15 percent O₂, dry basis, from three test runs shall be less than or equal to the formaldehyde concentration limitation, as applicable. [Table 4 to Subpart ZZZZ of Part 63—Requirements for Performance Tests]
 20. If this RICE has to be retrofitted with a non-selective catalytic reduction system (3-way catalyst) in order to meet the required emission limits, the O/O shall first apply for and receive a District approved authority to construct (ATC) permit. [Rule 204]
- E. FACILITY ANCILLARY SUPPORT EQUIPMENT DESCRIPTION:
Miscellaneous ancillary support equipment includes; Two (2) 1180 gallon aboveground pipeline waste liquid storage tanks # 1-L and 2-L; one (1) 5300 gallon aboveground IC engine waste oil storage tank; two (2) 1200 gallon aboveground transfer oil storage tanks # 1 (T004134) in SW corner of Plant # 1 and # 2 (T004422) in SE corner of Plant # 2; and one (1) non-retail gasoline dispensing facility, Permit # N004119:
- E-1. MDAQMD PERMIT NUMBERS: T004135 (DRIP TANK # 1 - L) AND T004138 (DRIP TANK # 2 - L); PIPELINE DRIP WASTE LIQUID STORAGE TANKS, 1180 GALLON EACH:
1. Owner/Operator shall insure this equipment complies with applicable Part II and Part III conditions. [Rule 204]
 2. This tank shall be used solely for storing pipeline liquids derived from the liquid-gas

separator on the gas transmission line. [Rule 204]

3. Operation of this equipment shall be conducted in compliance with data and specifications submitted with the original District permit application. [Rule 204]
4. Owner/Operator shall operate/maintain this system in strict accord with manufacturer/supplier recommendations and/or sound engineering principles. [Rule 204]

E-2. MDAQMD PERMIT NUMBER T004136; WASTE OIL STORAGE TANK, CONSISTING OF; ONE (1) 5300 GALLON ABOVEGROUND IC ENGINE WASTE OIL STORAGE TANK:

1. Owner/Operator shall insure this equipment complies with applicable Part II and Part III conditions. [Rule 204]
2. All flanges, seals, pumps and other appurtenant equipment shall be installed and maintained to prevent the loss of volatile fractions. [Rule 204]
3. Owner/Operator shall log all shipments of oil to other parties and the hauler of said oil. Additionally, this log shall contain the mass (or volume) and the date of the oil shipment. [Rule 204; 40 CFR 70.6 (a)(3)(B) - Periodic Monitoring Requirements](for Periodic Monitoring Requirements, see Part II and Part III conditions)
4. This tank is limited to storing transfer oil generated on-site by So Cal Gas Co. [Rule 204; 40 CFR 70.6 (a)(3)(B) - Periodic Monitoring Requirements](for Periodic Monitoring Requirements, see Part II and Part III conditions)
5. All information provided with the application is incorporated as conditions to construct and operate this equipment and this equipment shall be operated/maintained in strict accord with manufacturer/supplier recommendations and/or sound engineering principles. [Rule 204; 40 CFR 70.6 (a)(3)(B) - Periodic Monitoring Requirements](for Periodic Monitoring Requirements, see Part II and Part III conditions)

E-3. TWO (2) 1200 GALLON ABOVEGROUND IC ENGINE TRANSFER OIL STORAGE TANKS # 1 (T004134) IN SW CORNER OF PLANT # 1, AND, # 2 (T004422) IN SE CORNER OF PLANT # 2:

1. Owner/Operator shall insure this equipment complies with applicable Part II and Part III conditions. [Rule 204; 40 CFR 70.6 (a)(3)(B) - Periodic Monitoring Requirements](for Periodic Monitoring Requirements, see Part II and Part III conditions)
2. All flanges, seals, pumps and other appurtenant equipment shall be installed and

maintained to prevent the loss of volatile fractions. [Rule 204]

3. This tank is limited to storing transfer oil generated on-site by So Cal Gas Co. [Rule 204; 40 CFR 70.6 (a)(3)(B) - Periodic Monitoring Requirements](for Periodic Monitoring Requirements, see Part II and Part III conditions)
4. All information provided with the application is incorporated as conditions to construct and operate this equipment and this equipment shall be operated/maintained in strict accord with manufacturer/supplier recommendations and/or sound engineering principles. [Rule 204; 40 CFR 70.6 (a)(3)(B) - Periodic Monitoring Requirements](for Periodic Monitoring Requirements, see Part II and Part III conditions)

E-4. CONDITIONS APPLICABLE TO GASOLINE DISPENSING FACILITY (NON-RETAIL), MDAQMD PERMIT NUMBER N004119, CONSISTING OF:

- i. Tanks - Number of Tanks: 1
Tank Number: 1
 1. Material Stored: (87) Unleaded
 2. Volume Gallons: 6,000
 3. Aboveground (A): U
 - ii. Dispensing Equipment:
 1. Gasoline Dispensing Nozzles (Number): 1
 2. Phase I; Vapor Recovery System (Type) Dual Point; Equipment Configuration Per CARB Executive Order VR-101
 3. Phase II Vapor Recovery System (Type) Balance; Equipment Configuration Per CARB Executive Order VR-203
1. The toll-free telephone number that must be posted is 1-800-635-4617. [Rule 461]
 2. The owner/operator (o/o) shall maintain a log of all inspections, repairs, and maintenance on equipment subject to Rule 461. Such logs or records shall be maintained at the facility for at least two (2) years and shall be available to the District upon request. [Rule 461]
 3. Any modifications or changes to the piping or control fittings of the vapor recovery system require prior approval from the District. [Rule 204]
 4. The owner or operator of the VST Phase II EVR System shall conduct and pass the following tests no later than 60 days after startup and at least once in each twelve month period, using the following test procedures:

TP-201.3, Determination of 2 Inch WC Static Pressure Performance of Vapor Recovery Systems of Dispensing Facilities (March 17, 1999);
TP-201.4, Dynamic Back Pressure (July 3, 2002) in accordance with the condition listed in item 1 of the Vapor Collection section of Exhibit 2;
Exhibit 4, Required Items in Conducting TP-201.3;
Exhibit 5, Liquid Removal Test Procedure;
Exhibit 6, Required Items for Conducting TP-201.4;
Exhibit 7; (Nozzle Bag Test upon startup, annually and whenever a nozzle is changed);
Exhibit 8, VST ECS Hydrocarbon Sensor Verification Test Procedure (if a VST ECS membrane processor is installed);
Exhibit 9, Determination of VST ECS Processor Activation Pressure (if a VST ECS membrane processor is installed);
Exhibit 10, Veeder-Root Vapor Pressure Sensor Verification Test Procedure (if a VST ECS membrane processor or Veeder-Root Vapor Polisher is installed);
Exhibit 11, Veeder-Root Vapor Polisher Operability Test Procedure (if a Veeder-Root Vapor Polisher is installed);
Exhibit 12, Veeder-Root Vapor Polisher Hydrocarbon Emissions Verification Test Procedure (if a Veeder-Root Vapor Polisher is installed);
Exhibit 13, Hirt VCS 100 Processor Operability Test Procedure; (if a Hirt VCS 100 is installed);
Exhibit 14, Franklin Fueling Systems Healy Clean Air Separator Static Pressure Performance Test Procedure (if a Clean Air Separator is installed).
Exhibit 15, Reserved for future procedure and intentionally left blank; and
Exhibit 16, Liquid Condensate Trap Compliance Test Procedure (if a Liquid Condensate Trap is installed).

The District shall be notified a minimum of 10 days prior to performing the required tests with the final results submitted to the District within 30 days of completion of the tests.

The District shall receive passing test report no later than six (6) weeks prior to the expiration date of this permit. [EO VR-203; Rule 204]

5. Pursuant to the Phase I Executive Order VR-101; the owner or operator shall conduct and pass the following tests no later than 60 days after startup and at least once every year after startup testing; there shall be no more than 12 months between valid Phase I testing dates.
 - a. TP-201.3, Determination of 2 Inch WC Static Pressure Performance of Vapor Recovery Systems of Dispensing Facilities (March 17, 1999)

- b. TP-201.1B, Static Torque of Rotatable Phase I Adaptors (October 8, 2003), and depending on the system configuration, either TP-201.1C, Leak Rate of Drop Tube/Drain Valve Assembly (October 8, 2003) or TP-201.1D, Leak Rate of Drop Tube Overfill Prevention Devices and Spill Container Drain Valves (October 8, 2003)
- c. P/V valves in accord with TP-201.1E.
- d. If a FFS PV-Zero P/V vent valve is used, tests shall be conducted with the valve remaining in its installed position on the vent line(s) in accordance with PV-Zero section of the applicable ARB-Approved Installation, Operation and Maintenance Manual.

The District shall be notified a minimum of 10 days prior to performing the required tests with the final results submitted to the District within 30 days of completion of the tests.

The District shall receive passing test report no later than six (6) weeks prior to the expiration date of this permit. [EO VR-101; Rule 204]

- 6. The owner/operator shall perform annual maintenance on their PV valve(s) pursuant to the instructions in the IOM, followed by testing per the above condition. Records shall be kept of the required maintenance and subsequent test and results. [VR-101; Rule 204]
- 7. The annual throughput of gasoline shall not exceed 600,000 gallons per year. Throughput Records shall be kept on site and available to District personnel upon request. Before this annual throughput can be increased the facility may be required to submit to the District a site specific Health Risk Assessment (HRA) in accord with a District approved plan. In addition a public notice and/or comment period may be required. [Regulation XIII; EO VR-203; Rule 204]
- 8. Enhanced Vapor Recovery (EVR) 2-Point Phase I Vapor Control Equipment shall be installed and maintained in Compliance with Executive Order (EO) VR-101. [Rule 204]
- 9. EVR Phase II Balance Control Equipment shall be installed and maintained in Compliance with EO VR-203, Dispensers shall be Uni-Hose type. [Rule 204]
- 10. In accordance with the EVR implementation time line, and based on this facilities throughput limit, In-Station-Diagnostics (ISD) is not required. If the o/o wishes to increase throughput allowance, ISD must be installed. Prior to installing this system, a District approved Authority To Construct permit must be obtained. [Rule 204]
- 11. The o/o shall; install, maintain, and operate this equipment in compliance with these permit conditions and 40 CFR Part 63 Subpart CCCCCC; in the event of conflict the more stringent requirements shall govern. [Rule 204]

- E-5. CONDITIONS APPLICABLE TO NATURAL GAS ODORANT STORAGE & INJECTION SYSTEM; MDAQMD PERIT NUMBER T010103: NATURAL GAS ODORANT STORAGE AND INJECTION SYSTEM consisting of: A 10,000 gallon odorant tank and related equipment. This system is electrically operated but odorant injection is achieved with a pipeline-pressure driven pump. This permit includes the injection system (odorant control system, odorant metering system, odorant filtering equipment, and related appurtenances).
1. Owner/Operator shall insure this equipment complies with applicable Part II and Part III conditions. [Rule 204]
 2. Operation of this equipment shall be conducted in compliance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below. [Rule 204]
 3. This equipment shall be properly maintained and kept in good operating condition at all times. [Rule 204]
 4. The odorant tank and the delivery truck used to fill the odorant tank must be equipped with a Two Point Phase I type vapor recovery system. [Rule 204]
 5. A Two Point Phase I type vapor recovery system must be utilized whenever the odorant tank is being filled. [Rule 204]
 6. Odorant shall not be discharged to the atmosphere during equipment maintenance unless it is vented through a carbon canister. [Rule 204]

PART IV STANDARD FEDERAL OPERATING PERMIT CONDITIONS

A. STANDARD CONDITIONS:

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

8. Owner/Operator shall furnish to District, state or federal personnel, upon request, copies of any records required to be kept pursuant to condition(s) of this Federal Operating Permit. [40 CFR 70.6(a)(6)(v); Rule 1203(D)(1)(f)(viii)]
9. Any records required to be generated and/or kept by any portion of this Federal Operating Permit shall be retained by the facility Owner/Operator for at least five (5) years from the date the records were created. [40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]
10. Owner/Operator shall pay all applicable fees as specified in MDAQMD Regulation III, including those fees related to permits as set forth in Rules 301 and 312. [40 CFR 70.6(a)(7); Rule 1203(D)(1)(f)(ix)]
11. Owner/Operator shall not be required to revise this permit for approved economic incentives, marketable permits, emissions trading or other similar programs provided for in this permit. [40 CFR 70.6(a)(8); Rule 1203(D)(1)(f)(x)]
12. Compliance with condition(s) contained in this Federal Operating Permit shall be deemed compliance with the Applicable Requirement underlying such condition(s). The District clarifies that “only” Applicable Requirements listed & identified elsewhere in this Title V Permit are covered by this Permit Shield and does not extend to any unlisted/unidentified conditions pursuant to the requirements of 40 CFR 70.6(f)(1)(i). [40 CFR 70.6(f)(1)(i); Rule 1203(G)(1)]
13. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to limit the emergency powers of USEPA as set forth in 42 U.S.C. §7603. [40 CFR 70.6(f)(3)(i); Rule 1203(G)(3)(a)]
14. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to limit liability for violations that occurred prior to the issuance of this Federal Operating Permit. [40 CFR 70.6(f)(3)(ii); Rule 1203(G)(3)(b)]
15. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to alter any Applicable Requirement Contained in the Acid Rain Program. [40 CFR 70.6(f)(3)(iii); Rule 1203(G)(3)(c)]
16. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to limit the ability of USEPA or the MDAQMD to obtain information pursuant to other provisions of law including but not limited to 42 U.S.C. §7414. [40 CFR 70.6(f)(3)(iv); Rule 1203(G)(3)(d)]

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

PART V OPERATIONAL FLEXIBILITY

A. ALTERNATIVE OPERATING SCENARIO (S):

B. OFF PERMIT CHANGES:

- I. Permittee may make a proposed change to equipment covered by this permit that is not expressly allowed or prohibited by this permit if:
- A. Permittee has applied for and obtained all permits and approvals required by MDAQMD Regulation II and Regulation XII unless the equipment involved in the change is exempt from obtaining such permits and approvals pursuant to the provisions of Rule 219; and
1. The proposed change is not:
 - a. Subject to any requirements under Title IV of the Federal Clean Air Act; or [See 1203(E)(1)(c)(i)d]
 - b. A modification under Title I of the Federal Clean Air Act; or
 - c. A modification subject to Regulation XIII; and [See 1203(E)(1)(c)(i) d]
 - d. The change does not violate any Federal, State or Local requirement, including an applicable requirement; and [See 1203(E)(1)(c)(i)c]
 - e. The change does not result in the exceedance of the emissions allowable under this permit (whether expressed as an emissions rate or in terms of total emissions). [See 1203(E)(1)(c)(i)e]
- II. Procedure for “Off Permit” Changes
- A. If a proposed “Off Permit Change” qualifies under Part V, Section (B)(I)(A)(1) above, permittee shall implement the change as follows:
1. Permittee shall apply for an Authority To Construct permit pursuant to the provisions of Regulation II. [See 1203(E)(1)(c)(i)b]
 2. In addition to the information required pursuant to the provisions of Regulation II and Regulation XIII such application shall include:
 - a. A notification that this application is also an application for an “Off Permit” Change pursuant to this condition; and [See 1203(E)(1)(c)(i)b]
 - b. A list of any new Applicable Requirements which would apply as a result of the change; and [See 1203(E)(1)(c)(i)b.]
 - c. A list of any existing Applicable Requirements, which would cease to apply as a result of the change. [See 1203(E)(1)(c)(i)c]

3. Permittee shall forward a copy of the application and notification to USEPA upon submitting it to the District. [See 1203(E)(1)(c)(i)a]
 - B. Permittee may make the proposed change upon receipt from the District of the Authority to Construct Permit or thirty (30) days after forwarding the copy of the notice and application to USEPA whichever occurs later. [See 1203(E)(1)(c)(i)a and g]
 - C. Permittee shall attach a copy of the Authority to Construct Permit and any subsequent Permit to Operate, which evidences the Off Permit Change to this Title V permit. [See 1203(E)(1)(c)(i)f]
 - D. Permittee shall include each Off-Permit Change made during the term of the permit in any renewal application submitted pursuant to Rule 1202(B)(3)(b). [See 1203(E)(1)(c)(i)f]
- III. Other Requirements:
- A. The provisions of Rule 1205 – Modifications do not apply to an Off Permit Change made pursuant to this condition.
 - B. The provisions of Rule 1203(G) – Permit Shield do not apply to an Off Permit Change made pursuant to this condition. [See 40 CFR 70.4(b)(i)(B); Rule 1203(E)(1)(c)]

PART VI CONVENTIONS, ABBREVIATIONS, DEFINITIONS

A. CONVENTIONS

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

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

B. OTHER CONVENTIONS:

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

C. ABBREVIATIONS

Abbreviations used in this permit are as follows:

CFR	Code of Federal Regulations
APCO	Air Pollution Control Officer
bhp	brake horsepower

Btu	British thermal units
CARB	California Air Resources Board
CCR	California Code of Regulations
CEMS	continuous emissions monitoring system
CO	carbon monoxide
CO ₂	carbon dioxide
District	Mojave Desert Air Quality Management District (formed July 1993)
EO	Executive Order
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
NSCR	Non Selective Catalytic Reduction
O ₂	oxygen
pH	pH (acidity measure of solution)
PM ₁₀	particulate matter less than 10 microns aerodynamic diameter
ppmv	parts per million by volume
psig	pounds per square inch gauge pressure
QA	quality assurance
rpm	revolutions per minute
RVP	Reid vapor pressure
SCAQMD	South Coast Air Quality Management District
scfm	standard cubic feet per minute
scfh	standard cubic feet per hour
SIC	Standard Industrial Classification

SIP	State of California Implementation Plan
SO _x	oxides of sulfur
SO ₂	sulfur dioxide
tpy	tons per year
TVP	true vapor pressure

PART VII SIP History and Status For Cited Rules

Agency	Rule #	Rule Title	Effective Area	Rule Book Version	SIP Version	Submit Date	USEPA Action	CFR	FR Date	FR Cite
SO	203	Permit to Operate	SBC			4/21/1976	App	40 CFR 52.220(c)(31)(vi)(C)	11/9/1978	43 FR 52237
SB	203	Permit to Operate				6/6/1977	App	40 CFR 52.220(c)(39)(ii)(B)	11/9/1978	43 FR 52237
MD	203	Permit to Operate		7/25/1977	G-73					
SO	204	Permit Conditions	SBC			4/21/1976	App	40 CFR 52.220(c)(31)(vi)(C)	11/9/1978	43 FR 52237
SB	204	Permit Conditions				6/6/1977	App	40 CFR 52.220(c)(39)(ii)(B)	11/9/1978	43 FR 52237
MD	204	Permit Conditions		7/25/1977	G-73					
SO	206	Posting of Permit To Operate	SBC			4/21/1976	App	40 CFR 52.220(c)(31)(vi)(C)	11/9/1978	43 FR 52237
SB	206	Posting of Permit to Operate				6/6/1977	App	40 CFR 52.220(c)(39)(ii)(B)	11/9/1978	43 FR 52237
MD	206	Posting of Permit to Operate		7/25/1977	G-73					
SO	207	Altering or Falsifying of Permit	RC			4/21/1976	App	40 CFR 52.220(c)(31)(vi)(C)	11/9/1978	43 FR 52237
RC	207	Altering or Falsifying of Permit			G-73	6/6/1977	App	40 CFR 52.220(c)(39)(iv)(B)	11/9/1978	43 FR 52237
MD	207	Altering or Falsifying of Permit		7/25/1977 via Res. 94-03	G-73					
SO	207	Altering or Falsifying of Permit	SBC			4/21/1976	App	40 CFR 52.220(c)(31)(vi)(C)	11/9/1978	43 FR 52237
SB	207	Altering or Falsifying of Permit				6/6/1977	App	40 CFR 52.220(c)(39)(ii)(B)	11/9/1978	43 FR 52237
MD	207	Altering or Falsifying of Permit		7/25/1977	G-73					
SO	209	Transfer and Voiding of Permit	SBC			4/21/1976	App	40 CFR 52.220(c)(31)(vi)(C)	11/9/1978	43 FR 52237
SB	209	Transfer and Voiding of Permit				6/6/1977	App	40 CFR 52.220(c)(39)(ii)(B)	11/9/1978	43 FR 52237
MD	209	Transfer and Voiding of Permit		7/25/1977	G-73					
SO	217	Provision for Sampling and Testing Facilities	SBC			4/21/1976	App	40 CFR 52.220(c)(31)(vi)(C)	11/9/1978	43 FR 52237
						6/6/1977	App	40 CFR 52.220(c)(39)(ii)(B)	11/9/1978	43 FR 52237
SB	217	Provision for Sampling and Testing Facilities								
MD	217	Provision for Sampling and Testing Facilities		7/25/1977	G-73					

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SO	219	{Title Unknown }				4/21/1976	App	40 CFR 52.220(c)(31)(vi)(C)	11/9/1978	43 FR 52237
						8/2/1976	App	40 CFR 52.220(c)(32)(iv)(C)		
RC	219					6/6/1977	App	40 CFR 52.220(c)(39)(iv)(B)	11/9/1978	43 FR 52237
SB	219	Equipment Not Requiring a Written Permit			G-73	6/6/1977	App	40 CFR 52.220(c)(39)(ii)(B)	11/9/1978	43 FR 52237
SC	219	<u>Equipment Not Requiring a Written Permit Pursuant to Regulation II</u>				7/25/1979	U			
					SC Bef 10/81	10/23/1981	App	40 CFR 52.220(c)(103)(xviii)(A)	7/6/1982	47 FR 29231
						2/7/1989	NPRM		11/16/1990	55 FR 47894
						<u>11/12/1992</u>				
MD	219	Equipment Not Requiring a Written Permit				1/28/1992				
						1/24/1995				
						10/30/2001				
			MD	8/23/2010	(SIP Sub)	12/7/2010				
SC	221	<u>Plans</u>	RC			11/12/1985		40 CFR 52.220(c)(165)(i)(B)(1)	<u>4/17/1987</u>	<u>52 FR 12522</u>
				None	<u>1/4/1985</u>					
MD	221	Federal Operating Permit Requirement	MD		2/21/1994	3/31/1995	App	40 CFR 52.220(c)(216)(i)(A)(2)	2/5/1996	61 FR 4217
					2/28/2011	(SIP Sub)				
RC	301	<u>Permit Fees</u>	MD			6/6/1977	App	40 CFR 52.220(c)(39)(iv)(C)	9/8/1978	43 FR 40011
SC	301	<u>Permit Fees</u>				1/2/1979	U	40 CFR 52.220(c)(47)(i)(A)		
						4/23/1980	App	40 CFR 52.220(c)(69)(ii)	9/28/1981	46 FR 47451
						7/14/1981	U	40 CFR 52.220(c)(102)(iv)(A)	7/6/1982	47 FR 29231
						2/3/1983	App	40 CFR 52.220(c)(127)(vii)(C)	10/19/1984	49 FR 41028
						7/19/1983	App	40 CFR 52.220(c)(137)(vii)(B)	10/19/1984	49 FR 41028
						<u>10/25/1991</u>				
						<u>1/11/1993</u>				
						<u>2/28/1994</u>				
MD	301	Permit Fees		6/24/2012	Not SIP		Del	40 CFR 52.220(c)(39)(iv)(C)	1/18/2002	67 FR 2573

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MD	312	Fees for Federal Operating Permits	MD	12/21/1994	Current					
SB	401	Visible Emissions	SBC			6/6/1977	App	40 CFR 52.220(c)(39)(ii)(C)	9/8/1978	43 FR 40011
MD	401	Visible Emissions		7/25/1977	G-73					
MD	402	Nuisance	MD	7/25/1977	Not SIP					
SO	403	Fugitive Dust	SBC			8/2/1976	App	40 CFR 52.220(c)(32)(iv)(A)	6/14/1978	43 FR 25684
SB	403	Fugitive Dust				6/6/1977	App	40 CFR 52.220(c)(39)(ii)(B)	9/8/1978	43 FR 40011
MD	403	Fugitive Dust		7/25/1977	G-73					
MD	403.2	Fugitive Dust Control for MDPA	MD	7/22/1996	(SIP Sub)	10/18/1996				
SO	404	Particulate Matter - Concentration	SBC			8/2/1976		40 CFR 52.220(c)(32)(iv)(A)	6/14/1978	43 FR 25684
SB	404	Particulate Matter - Concentration				N/A	D	40 CFR 52.227(b)(3)(i)	6/14/1978	43 FR 25684
MD	404	Particulate Matter - Concentration		7/25/1977	Current	11/4/1977	App	40 CFR 52.220(c)(42)(xiii)(A)	12/21/1978	43 FR 52489
SO	405	Solid Particulate Matter, Weight	SBC			8/2/1976	App	40 CFR 52.220(c)(32)(iv)(A)	6/14/1978	43 FR 25684
SB	405	Solid Particulate Matter, Weight				11/4/1977	App	40 CFR 52.220(c)(42)(xiii)(A)	12/21/1978	43 FR 52489
MD	405	Solid Particulate Matter, Weight		7/25/1977	Current					
SB	406	Specific Contaminants	SBC			11/4/1977	App	40 CFR 52.220(c)(42)(xiii)(A)	12/21/1978	43 FR 52489
MD	406	Specific Contaminants		2/20/1979	7/25/1977					
SO	407	Liquid and Gaseous Air Contaminants	SBC			8/2/1976	App	40 CFR 52.220(c)(32)(iv)(A)	6/14/1978	43 FR 25684
SB	407	Liquid and Gaseous Air Contaminants								
MD	407	Liquid and Gaseous Air Contaminants		7/25/1977	G-73	6/6/1977	App	40 CFR 52.220(c)(39)(ii)(C)	9/8/1978	43 FR 40011
SO	408	Circumvention	SBC			8/2/1976	App	40 CFR 52.220(c)(32)(iv)(A)	6/14/1978	43 FR 25684
SB	408	Circumvention				6/6/1977	App	40 CFR 52.220(c)(39)(ii)(C)	9/8/1978	43 FR 40011
MD	408	Circumvention		7/25/1977	G-73					
SO	409	Combustion Contaminants	SBC			8/2/1976	App	40 CFR 52.220(c)(32)(iv)(A)	6/14/1978	43 FR 25684
SB	409	Combustion Contaminants				6/6/1977	App	40 CFR 52.220(c)(39)(ii)(C)	9/8/1978	43 FR 40011
MD	409	Combustion Contaminants		7/25/1977	G-73					

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SO	430	Breakdown Provisions	MD			2/10/1977		40 CFR 52.220(c)(37)(i)(B)	1/24/1978	43 FR 3275
						N/A	D	40 CFR 52.271(a)(28)(i)	1/24/1978	43 FR 2375
						6/6/1977		40 CFR 52.220(c)(39)(ii)(A)	1/24/1978	43 FR 3275
						N/A	D	40 CFR 52.271(a)(28)(i)	1/24/1978	43 FR 3275
RC	430	Breakdown Provisions				6/6/1977		40 CFR 52.220(c)(39)(iv)(A)	1/24/1978	43 FR 3275
						N/A	D	40 CFR 52.220(a)(22)(i)	1/24/1978	43 FR 2375
MD	430	Breakdown Provisions		12/24/1994	Not SIP	2/24/1995	D	40 CFR 52.271(d)(3)(i)	11/6/2003	68 FR 62738
SO	431	Sulfur Content of Fuels	SBC			2/10/1977		40 CFR 52.220(c)(37)(i)(B)		
SB	431	Sulfur Content of Fuels				6/6/1977	App	40 CFR 52.220(c)(39)(ii)(B)	9/8/1978	43 FR 40011
MD	431	Sulfur Content of Fuels		7/25/1977	G-73					
RC	442	Usage of Solvents	MD			6/6/1977	App	40 CFR 52.220(c)(39)(iv)(C)	9/8/1978	43 FR 40011
SC	442	Usage of Solvents				12/17/1979	App	40 CFR 52.220(c)(59)(ii)(B)	9/28/1981	46 FR 47451
						5/20/1982	App	40 CFR 52.220(c)(125)(ii)(D)	11/16/1983	48 FR 52054
SB	442	Usage of Solvents				6/6/1977	App	40 CFR 52.220(c)(39)(ii)(C)	9/8/1978	43 FR 40011
MD	442	Usage of Solvents				5/23/1979	App	40 CFR 52.220(c)(51)(xii)(B)	6/9/1982	48 FR 52054
				2/27/2006	Current	5/8/2007	App	40 CFR 52.220(c)(347)(i)(C)(1)	9/17/2007	72 FR 52791
RC	444	Open Fires	MD			6/6/1977	App	40 CFR 52.220(c)(39)(iv)(C)	9/8/1978	43 FR 40011
SC	444	Open Fires				11/5/1981	App	40 CFR 52.220(c)(104)(ii)(A)	7/6/1982	47 FR 29231
SB	444	Open Fires				11/4/1977		40 CFR 52.220(c)(42)(xiii)(A)	12/21/1978	43 FR 59489
						N/A	D	40 CFR 52.220(b)(12)(i)	12/21/1978	43 FR 59489
						3/23/1988	??			
MD	444	Open Fires				3/3/1997	??			
				9/25/2006	Current	5/8/2007	App	40 CFR 52.220(c)(350)(B)(1)	10/31/2007	72 FR 61525
SO	461	Gasoline Transfer and Dispensing	SBC			4/21/1976	App	40 CFR 52.220(c)(31)(vi)(A)	7/26/1977	42 FR 37976
						11/10/1976		40 CFR 52.220(c)(35)(ii)	7/26/1977	42 FR 37976
SB	461	Gasoline Transfer and Dispensing				11/4/1977		40 CFR 52.220(c)(42)(xiii)(A)	12/21/1978	43 FR 59489
						12/15/1980	App	40 CFR 52.220(c)(85)(v)(A)	6/9/1982	47 FR 25013
MD	461	Gasoline Tmasfer and Dispensing		5/25/1994	Current	7/13/1994	App	40 CFR 52.220(c)(198)(i)(E)(1)	5/3/1995	60 FR 21702

MD	1104	Organic Solvent Degreasing Operations	MD	9/28/1994	Current	11/30/1994	App	40 CFR 52.220(c)(207)(i)(D)(2)	4/30/1996	61 FR 18962
SC	1113	Architectural Coatings	RC			7/13/1978		40 CFR 52.220(c)(45)(ii)(A)		
						5/28/1981		40 CFR 52.220(c)(92)(v)(B)(vi)(A)	7/6/1982	47 FR 29231
						11/3/1980		40 CFR 52.220(c)(96)(i)(A)	9/28/1981	46 FR 47451
						10/27/1983		40 CFR 52.220(c)(148)(vi)(B)	10/3/1984	49 FR 39057
						7/10/1984	App	40 CFR 52.220(c)(155)(iv)(A)	1/24/1985	50 FR 3339
						N/A	D	40 CFR 52.229(b)(2)(iii)	2/2/1989	54 FR 5236
						11/12/1985				
						3/23/1988				
						4/5/1991				
						5/13/1991				
						1/11/1993				
SB	1113	Architectural Coatings	SBC			5/23/1979	App	40 CFR 52.220(c)(51)(xii)(B)	6/9/1982	47 FR 25013
MD	1113	Architectural Coatings	SBC			1/11/1993				
MD	1113	Architectural Coatings	MD		2/24/2003	4/1/2003	LA/LD	40 CFR 52.220(c)(315)(i)(C)(1)	1/2/2004	69 FR 34
				4/23/2012	(SIP Sub)					
MD	1114	Wood Products Coating Operations	MD			3/31/1995	App	40 CFR 52.220(c)(216)(i)(A)(4)	4/30/1996	61 FR 18962
				11/25/1996	Current	3/3/1997	App	40 CFR 52.220(c)(244)(i)(C)	8/18/1998	63 FR 44132
SB	1115	Metal Parts & Products Coating Operations	MD			6/19/1992				
MD	1115	Metal Parts & Products Coating Operations				6/23/1996	App	40 CFR 52.220(c)(239)(i)(A)(2)	12/23/1997	62 FR 67002
				4/22/1996	Current				2/23/1998	
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 Operating Permits (Federal Operating Permit)	MD	2/28/2011						
MD	1300	General	MD	9/24/2001	3/25/1996	7/23/1996	App	40 CFR 52.220(c)(239)(i)(A)(1)		
SC	1301	General	MD			4/3/1980	CA	40 CFR 52.220(c)(68)(i)	1/21/1981	46 FR 5965
							CA	40 CFR 52.220(c)(87)(v)(A)	6/9/1982	47 FR 25013
SB	1301	General				9/5/1980	CA	40 CFR 52.220(c)(239)(i)(A)(1)	11/13/1996	61 FR 58133
MD	1301	Definitions					U	40 CFR 52.220(c)(87)(iv)(A)	6/9/1982	47 FR 25013
								40 CFR 52.232(a)(13)(i)(A)	6/9/1982	47 FR 25013
					3/25/1996	7/23/1996	App	40 CFR 52.220(c)(239)(i)(A)(1)	11/13/1996	61 FR 58133
				9/24/2001	(SIP Sub)					
SC	1302	Definitions	MD			8/15/1980	CA	40 CFR 52.220(c)(70)(i)(A)	1/21/1981	46 FR 5965
							CA	40 CFR 52.220(c)(87)(v)(A)	6/9/1982	47 FR 25013
SB	1302	Definitions				9/5/1980	CA	40 CFR 52.220(c)(87)(iv)(A)	6/9/1982	47 FR 25013
MD	1302	Procedure					U	40 CFR 52.232(a)(13)(i)(A)	6/9/1982	47 FR 25013
					3/25/1996	7/23/1996	App	40 CFR 52.220(c)(239)(i)(A)(1)	11/13/1996	61 FR 58133
				8/28/2006	(SIP Sub)					

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SC	1303	Applicability and Analysis	MD			4/3/1980	CA	40 CFR 52.220(c)(68)(i)	1/21/1981	46 FR 5965
							CA	40 CFR 52.220(c)(87)(v)(A)	6/9/1982	47 FR 25013
						<u>11/21/1986</u>				
						<u>3/26/1990</u>				
						<u>1/28/1992</u>				
SB	1303	Applicability and Analysis				9/5/1980	CA	40 CFR 52.220(c)(87)(iv)(A)	6/9/1982	47 FR 25013
							U	40 CFR 52.232(a)(13)(i)(A)	6/9/1982	47 FR 25013
MD	1303	Requirements			3/25/1996	7/23/1996	App	40 CFR 52.220(c)(239)(i)(A)(1)	11/13/1996	61 FR 58133
				9/24/2001	(SIP Sub)					
SC	1304	Exemption from Regulation XIII	MD			4/3/1980	CA	40 CFR 52.220(c)(68)(i)	1/21/1981	46 FR 5965
							CA	40 CFR 52.220(c)(87)(v)(A)	6/9/1982	47 FR 25013
									<u>6/4/1986</u>	
									<u>11/21/1986</u>	
									<u>1/28/1992</u>	
SB	1304	Exemptions from Regulation XIII				9/8/1980	CA	40 CFR 52.220(c)(87)(iv)(A)	6/9/1982	47 FR 25013
							U	40 CFR 52.232(a)(13)(i)(A)	6/9/1982	47 FR 25013
MD	1304	Emissions Calculations			3/25/1996	7/23/1996	App	40 CFR 52.220(c)(239)(i)(A)(1)	11/13/1996	61 FR 58133
				9/24/2001	(SIP Sub)					
SC	1305	Special Permit Provisions	MD			4/3/1980	CA	40 CFR 52.220(c)(68)(i)	1/21/1981	46 FR 5965
							CA	40 CFR 52.220(c)(87)(v)(A)	6/9/1982	47 FR 25013
						7/10/1984	App	40 CFR 52.220(c)(155)(iv)(B)	1/29/1989	50 FR 3906
SB	1305	Special Permit Provisions				9/5/1980	CA	40 CFR 52.220(c)(87)(iv)(A)	6/9/1982	47 FR 25013
							U	40 CFR 52.220(a)(13)(i)(A)	6/9/1982	47 FR 25013
MD	1305	Emissions Offsets			3/25/1996	7/23/1996	App	40 CFR 52.220(c)(239)(i)(A)(1)	11/13/1996	61 FR 58133
				8/28/2006	(SIP Sub)					
SC	1306	Emission Calculations	MD			4/3/1980	CA	40 CFR 52.220(c)(68)(i)	1/21/1981	46 FR 5965
								40 CFR 52.220(c)(87)(v)(A)	6/9/1982	47 FR 25013
						N/A	D	40 CFR 52.220(a)(2)(i)	1/21/1981	46 FR 5965
						<u>6/4/1986</u>				
						<u>11/21/1986</u>				
						<u>1/28/1992</u>				
SB	1306	Emissions Calculations				9/5/1980	CA	40 CFR 52.220(c)(87)(iv)(A)		47 FR 25013
								40 CFR 52.220(a)(13)(i)(A)	6/9/1982	47 FR 25013
MD	1306	Electric Energy Generating Facilities			3/25/1996	7/23/1996	App	40 CFR 52.220(c)(239)(i)(A)(1)	11/13/1996	61 FR 58133
				9/24/2001	(SIP Sub)					

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SC	1307	Emissions Offsets	MD			4/3/1980	CA	40 CFR 52.220(c)(68)(i)	1/21/1981	46 FR 5965
							CA	40 CFR 52.220(c)(87)(v)(A)	6/9/1982	47 FR 25013
						N/A	D	40 CFR 52.220(a)(3)(iii)	1/21/1981	46 FR 5965
								40 CFR 52.220(c)(87)(iv)(A)	6/9/1982	47 FR 25013
						9/5/1980	CA	40 CFR 52.232(a)(13)(i)(A)	6/9/1982	47 FR 25013
							U	40 CFR 52.220(c)(239)(i)(A)(1)	11/13/1996	61 FR 58133
MD	1307	Rescinded 3/25/96		None	Not SIP	7/23/1996	Del			
SC	1308	Eligibility of Emissions Offsets	MD			8/15/1980	CA	40 CFR 52.220(c)(70)(i)(A)	1/21/1981	46 FR 5965
							CA	40 CFR 52.220(c)(87)(v)(A)	6/9/1982	47 FR 25013
SB	1308	Eligibility of Emission Offsets					CA	40 CFR 52.220(c)(87)(iv)(A)	6/9/1982	47 FR 25013
						9/5/1980	U	40 CFR 52.232(a)(13)(i)(A)	6/9/1982	47 FR 25013
MD	1308	Rescinded 3/25/96					Del	40 CFR 52.220(c)(239)(i)(A)(1)	11/13/1996	61 FR 58133
				None	Not SIP	7/23/1996				
SC	1310	Analysis, Notice and Reporting	MD		Not SIP	4/3/1980	CA	40 CFR 52.220(c)(68)(i)	1/21/1981	46 FR 5965
							CA	40 CFR 52.220(c)(87)(v)(A)	6/9/1982	47 FR 25013
SB	1310	Analysis, Notice and Reporting				9/5/1980	CA	40 CFR 52.220(c)(87)(iv)(A)	6/9/1982	47 FR 25013
							U	40 CFR 52.232(a)(13)(i)(A)	6/9/1982	47 FR 25013
MD	1310	Rescinded 3/25/96				7/23/1996	Del	40 CFR 52.220(c)(239)(i)(A)(1)	11/13/1996	61 FR 58133
MD	1310	Federal Major Facilities and Federal Major Modifications		8/28/2006	(SIP Sub)					
SC	1311	Power Plants	MD			4/3/1980	CA	40 CFR 52.220(c)(68)(i)	1/21/1981	46 FR 5965
							CA	40 CFR 52.220(c)(87)(iv)(A)	6/9/1982	47 FR 25013
SB	1311	Electric Energy Generating Facilities				9/5/1980	CA	40 CFR 52.220(c)(87)(iv)(A)	6/9/1982	47 FR 25013
MD	1311	Rescinded 3/25/96					U	40 CFR 52.232 (a)(13)(i)(A)	6/9/1982	47 FR 25013
				None	Not SIP	7/23/1996	Del	40 CFR 52.220(c)(239)(i)(A)(1)	11/13/1996	61 FR 58133
SC	1313	Permits to Operate	MD			4/3/1980	CA	40 CFR 52.220(c)(68)(i)	1/21/1981	46 FR 5965
							CA	40 CFR 52.220(c)(87)(v)(A)	6/9/1982	47 FR 25013
SB	1313	Permits to Operate				9/5/1980	CA	40 CFR 52.220(c)(87)(iv)(A)	6/9/1982	47 FR 25013
							U	40 CFR 52.232(a)(13)(i)(A)	6/9/1982	47 FR 25013
MD	1313	rescinded 3/25/96		None	Not SIP	7/23/1996	Del	40 CFR 52.220(c)(239)(i)(A)(1)	11/13/1996	61 FR 58133
MD	1320	New Source Review for Toxic Air Contaminants	MD	8/28/2006	(SIP Sub)					