Federal Operating Permit

Permit No.: **3100068**

Company: **Southern California Gas Co.**

Facility: **So. Needles Compressor Station**

Issue date: **Oct 29, 2014**

Expiration date: **Oct 29, 2019**

Mojave Desert Air Quality Management District

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

www.MDAQMD.ca.gov • @MDAQMD

Signed and issued by

Brad Poiriez

Executive Director/
Air Pollution Control Officer

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

~~Federal Operating Permit Number: 3100068~~

~~For: SOUTHERN CALIFORNIA GAS COMPANY~~

~~Facility: South Needles 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: Brad Poiriez~~
~~Executive Director~~
~~Air Pollution Control Officer~~

~~14306 PARK AVENUE, VICTORVILLE, CALIFORNIA 92392~~
~~PHONE (760) 245-1661~~
~~FAX (760) 245-2022~~

June 06, 2019; Significant Permit Modification (by: Samuel J Oktay, PE)**;** Added new emission unit

identified as District Permit E013453. This FOP is updated accordingly to incorporate Equipment Description and Conditions associated with the device described as Year of Manufacture; 2019; 4SRB; Engine is Subject to NSPS 40 CFR Part 60 Subpart JJJJ, and the BACT and Offset Requirements of District Regulation XIII.

November 3, 2016; Minor Permit Modification (by: Samuel J Oktay, PE)**;** Revised Permit B000298 Equipment Description and Conditions associated with the modification of five of their remaining seven natural gas fired internal combustion engines to install new engine heads with Precombustion Chambers (PCC), Electronic Precombustion Chamber check valves (ePCC), and Medium Pressure Mechanical Fuel Valves.

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

2014 Administrative Permit Renewal (by: Samuel J Oktay, PE)**;** Renewal processed in order to make sure all Six affected Southern California Gas Companies Title V Permits have the same expiration dates. Updated Permit B000298 Rice NESHAP 40 CFR 63 Subpart ZZZZ IS NOT APPLICABLE Pursuant to Section 63.6590(b)(3)(i). Updated equipment descriptions for B002151; B002152; B002153; E003364; E003365, and E009234 to include Rice References. All Rule SIP History and Status moved to Appendix VII page VII-41 to VII-48; added Rule 1211 Requirements regarding GHG emissions to Page II-19.

November 13, 2012 Renewal, described as follows;
Revisions specifically address USEPA comments to SCG South Needles 5 year renewal (9/19/2011) as well as include the modification to permit unit B000298, engine serial number 73574. FOP updated in the following areas and to include all applicable requirements of 40 CFR Part 63 Subpart ZZZZ. Reporting of deviations required by ZZZZ to be included with Part 70 requirements;

Part II (27) updated with current 1113 rule requirements, and updated Part II (31) adding Rule 1211 requirements (currently pending SIP submission).
Part III-all permit units subject to ZZZZ updated with current ZZZZ requirements.
In addition to updates to the SCG South Needles FOP, the Statement of Legal and Factual Basis has been updated accordingly to address the inclusion of ZZZZ and compliance assurance monitoring (CAM). CAM is not applicable based on 40 CFR Part 64 because the unit is not subject to an emission limitation or standard other than 40 CFR Part 63, Subpart ZZZZ.
Changes made by C. Anderson

September 19, 2011 Administrative Permit Renewal (by: Samuel J Oktay, PE)**;** Revised Rule 1113 references, Page II-12 added Rule SIP History Reference, Page VI-45; Revised Rule 442 references; Page II-12; Revised Permit descriptions for MDAQMD Permits; E003364, E003365, and T002281; Pages affected I-6, III-30, III-35.

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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 SC9314,~~P.O. Box 2300~~, Chatsworth CA 91313
Facility Name:	South Needles Compressor Station
Facility Location:	11 miles south of Needles, CA on Hwy. 95, 92363 (East side of Hwy 95)
MDAQMD Federal Operating Permit Number:	3100068
MDAQMD Company Number:	0031F
MDAQMD Facility Number:	00068
Responsible Official:	Mr. Firas Hamze~~Mr. Carlos Gaeta~~
Title:	Field Operations Manager
Phone Number:	562-477-1107~~(760) 243-6574~~
Phone Number:	(760) 243-6500
Facility "Site" Contact #1:	Eric Riney
Phone Number:	(760) 243-6561
Facility "Site" Contact #2:	Alison Wong~~Harold Lang, Environmental~~
Phone Number:	213-604-4534~~(818) 701-2514~~
Facility "Off Site" Contacts:	Chanice Allen~~Darrell Johnson~~
Phone Number:	(213) 276-5047~~(213) 244-2142~~
Nature of Business:	Natural Gas Compression and Transmission
SIC Code:	4922 – Natural Gas Pipeline
Facility Location:	UTM (Km) 718.729E / 3841.635N

B. FACILITY IC ENGINE EQUIPMENT DESCRIPTION:

Federal Operating Permit -(FOP number: 3100068) for Southern California Gas Company (SCG)**,** South Needles Compressor Station, located 11 miles south of Needles, CA 92363 on Hwy. 95, on east side of Hwy. 95. SCG**,** South Needles Compressor Station - is a natural gas compression and transmission pipeline facility located near Needles, California. IC Engine Equipment description as follows:

1. B000298: SEVEN NATURAL GAS IC ENGINES, COMPRESSORS consisting of:
Seven Clark Model TLA6 2000 bhp natural gas fueled piston IC engines, driving natural gas compressors one through seven. Rating equivalent to 117.6 MMBTU/hr.

Capacity	Description
2000.0	S/N 73618, driving compressor No. 1
2000.0	S/N 73574, driving compressor No. 2
2000.0	S/N 73606, driving compressor No. 3
2000.0	S/N 73575, driving compressor No. 4
2000.0	S/N 73573, driving compressor No. 5
2000.0	S/N 73650, driving compressor No. 6
2000.0	S/N 73681, driving compressor No. 7

2. B002151: IC ENGINE GENERATOR, UNIT #1 consisting of:
Natural Gas Fired Caterpillar Internal Combustion Engine, model G399, S/N 4900 1544 "genset 01". This engine, which is one of three, is turbo-charged and is installed with a non-selective catalytic reduction system for NOx reduction. This engine is capable of generating 500 kW(e) at 733 HP and at a nominal heat input rate of 5.63 MMBtu/hr.

3. B002152: IC ENGINE GENERATOR, UNIT #2 consisting of:
Natural Gas Fired Caterpillar Internal Combustion Engine, model G399, S/N 4900 1542 "genset 02". This engine, which is one of three, is turbo-charged and is installed with a non-selective catalytic reduction system for NOx reduction. This engine is capable of generating 500 kW(e) at 733 HP and at a nominal heat input rate of 5.63 MMBtu/hr.

4. B002153: IC ENGINE GENERATOR, UNIT #3 consisting of:
Caterpillar natural gas fired 733 hp IC engine, Model G399, S/N 4900 1543 "genset 03." This engine is turbo-charged and is installed with a non-selective catalytic reduction system for NOx reduction. This engine is capable of generating 500 kW(e) at 733 hp and at a nominal heat input rate of 5.63 MMBTU/hr.

5. E003364: IC ENGINE, EMERGENCY DIESEL GENERATOR (FIRE PUMP #2) consisting of: Year of Manufacturer 1989, Tier 0, One Cummins, Diesel fired internal combustion engine, Model No. 6BTA5.9F1 and Serial No. 44385221, Inter Cooled, Turbo Charged, producing 208 bhp with 6 cylinders at 2100 rpm while consuming a maximum of 8 gal/hr. This equipment powers a Pump.

6. E003365: IC ENGINE, EMERGENCY DIESEL FIRE PUMP #1 consisting of: Year of Manufacturer 1989, Tier 0, One Cummins, Diesel fired internal combustion engine, Model No. 6BTA5.9F1 and Serial No. 44385295, Inter Cooled, Turbo Charged, producing 208 bhp with 6 cylinders at 2100 rpm while consuming a maximum of 8 gal/hr. This equipment powers a Pump.

7. E009234: NATURAL GAS IC ENGINE, AUXILLARY AIR COMPRESSOR consisting of: Year of Manufacture: pre-June 2006; Uncertified, 4SRB, located at a HAP Major Source; One Waukesha, Natural Gas fired internal combustion engine, Model No. VRG330U and Serial No. 399781, producing 83 bhp with 6 cylinders at 2200 rpm while consuming a maximum of 648 scf/hr. This equipment powers an Air Compressor.

8. E013453: IC ENGINE, EMERGENCY SPARK-IGNITED (SI, AUXILIARY consisting of: Year of Manufacture; 2019; 4SRB; Engine is Subject to NSPS 40 CFR Part 60 Subpart JJJJ, BACT and Offset Requirements of District Regulation XIII. Facility is a HAP Area Source. Engine is equipped with the following Control Equipment:
Control Device,
DCL Model 2DC49-6CGS horizontal catalytic converter/silencer
o 18-32 dBA insertion loss
o Mounted on cooler
o (2) DC49 catalytic elements
o Guaranteed Emissions (g/bhp-hr):
NOx: 0.44
CO: 2.0
VOC: 0.29

RELi E3 Air Fuel Ratio (AFR) Control System

Exhaust Stack is 13.5 feet high and has a 1.167 foot diameter.

Exhaust vents at 1801 Lb/hr and at a temperature of 1004 Degrees F.

Facility elevation is 1342 feet above sea level.

One Caterpillar, NG fired internal combustion engine Model No. G3406TA and Serial No. TBD, Four-Stroke Rich Burn, producing 276 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 2.05 MMBtu/hr.

C. FACILITY ANCILLARY SUPPORT EQUIPMENT DESCRIPTION

Miscellaneous ancillary support equipment includes; One (1) 7000 gallon aboveground ICE waste oil storage tank and Three (3) 7000 gallon aboveground New oil storage tanks, One (1) 4850 gallon aboveground Odorant Storage Tank vented to Granulated Activated Charcoal Canister Filter:

1. MDAQMD Permit Number T002280: USED CRANKCASE OIL STORAGE TANK;
Consisting of the following equipment: One aboveground 7,000 gal used crankcase oil storage tank and three aboveground 7,000 gal new oil tanks (new oil tanks Rule 219 exempt).

2. MDAQMD Permit Number T002281; Odorization System:
Odorization System injects odorant into the natural gas transmission lines and includes the following equipment; One (1) 4850 gallon aboveground Odorant Storage Tank vented to Granulated Activated Charcoal Canister Filter.

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]

14. Owner/Operator is limited to use of the following quality fuels for fuel types specified elsewhere in this permit: PUC quality natural gas fuel - sulfur compounds shall not exceed 800 parts per million (ppm) calculated as hydrogen sulfide at standard conditions; diesel fuel - sulfur content shall not exceed 0.5 percent by weight. Compliance with Rule 431 fuel sulfur limits is assumed for PUC quality natural gas fuel and CARB certified diesel fuel. Records shall be kept on-site and available for review by District, state, or federal personnel at any time. The sulfur content of non-CARB certified diesel fuel shall be determined by use of American Society for Testing and Materials (ASTM) method D 2622-82 or ASTM method D 2880-71, or equivalent.
[*40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements*; Rule 431]

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 PM_{10} 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 (SO_2), 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 (CO_2) at standard conditions averaged over a minimum of 25 consecutive minutes.
[Rule 409] Reference Section III A(1)

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]

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

(a) VOCs from all VOC containing materials, Emissions Units, equipment or processes subject to this rule, in excess of 540 kilograms (1,190 pounds) per month per Facility.

(b) a non-VOC organic solvent in excess of 272 kilograms (600 pounds) per day as calculated on a thirty (30) day rolling average.

(c) The provisions of this condition shall not apply to:

(1) The manufacture of organic solvents, or the transport or storage of organic solvents, or the transport or storage of materials containing organic solvents.

(2) The emissions of VOCs from VOC-containing materials or equipment which are subject to the rules of Regulation IV or which are exempt from air pollution control requirements by said rules.

(3) The spraying or other employment of organic solvents as insecticides, pesticides or herbicides.

(4) The use of equipment or materials for which other requirements are specified in source specific rules of Regulation XI after the compliance dates specified in such source specific rules.

(5) The use of 1-1-1 Trichloroethane.

(6) Aerosol products
[Rule 442]

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) All degreasers shall be equipped with a cover, which reduces solvent evaporation and minimizes disturbing the vapor zone.

(b) A permanent, conspicuous label summarizing the applicable operating requirements contained in Rule 1104. In lieu of a label, operating instructions may be posted near the degreaser where the operators can access the proper operating requirements of this rule.

(c) Cold Solvent Degreasers - Freeboard Requirements:

(i) Cold solvent degreasers using only low volatility solvents, which are not agitated, shall operate with a freeboard height of not less than 6 inches.

(ii) Cold solvent degreasers using only low volatility solvents may operate with a freeboard ratio equal to or greater than 0.50 when the cold solvent degreaser has a cover, which remains closed during the cleaning operation.

(iii) Any cold solvent degreasers using solvent which is agitated, or heated above 50^{o}C (120^{o}F) shall operate with a freeboard ratio equal to or greater than 0.75.

(iv) A water cover may be used as an acceptable control method to meet the freeboard requirements, when the solvent is insoluble in water and has a specific gravity greater than one.

(d) Cold Solvent Degreasers - Cover Requirements:

(i) Cold solvent degreasers using high volatility solvent shall have a cover that is a sliding, rolling or guillotine (bi-parting) type, which is designed to easily open and close without disturbing the vapor zone.

(e) Cold Solvent Degreasers - Solvent Level Identification:

(i) A permanent, conspicuous mark locating the maximum allowable solvent level conforming to the applicable freeboard requirements.

(f) All Degreasers shall comply with the following operating requirements:

(i) Any solvent cleaning equipment and any emission control device shall be operated and maintained in strict accord with the recommendations of the manufacturer.

(ii) Degreasers shall not be operating with any detectable solvent leaks.

(iii) All solvent, including waste solvent and waste solvent residues, shall be stored in closed containers at all times. All containers for any solvent(s) shall have a label indicating the name of the solvent/material they contain.

(iv) Waste solvent and any residues shall be disposed of by one of the following methods: a commercial waste solvent reclamation service licensed by the State of California; **or** a federally or state licensed facility to treat, store or dispose of such waste; **or** the originating facility may recycle the waste solvent and materials in conformance with requirements of Section 25143.2 of the California Health and Safety Code.

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

(vi) Solvent carry-out shall be minimized by the following methods:

(a) Rack workload arranged to promote complete drainage

(b) Limit the vertical speed of the power hoist to 3.3 meters per minute (11 ft/min) or less when such a hoist is used.

(c) Retain the workload inside of the vapor zone until condensation ceases.

(d) Tip out any pools of solvent remaining on the cleaned parts before removing them from the degreaser if the degreasers are operated manually.

(e) Do not remove parts from the degreaser until the parts are visually dry and not dripping/leaking solvent. (This does not apply to an emulsion cleaner workload that is rinsed with water within the degreaser immediately after cleaning.)

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

(viii) Except for sealed chamber degreasers, all solvent agitation shall be by either pump recirculation, a mixer, or ultrasonics.

(ix) The solvent spray system shall be used in a manner such that liquid solvent does not splash outside of the container. The solvent spray shall be a continuous stream, not atomized or shower type, unless, the spray is conducted in a totally enclosed space, separated from the environment.

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

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

(xii) A degreaser shall be located so as to minimize drafts being directed across the cleaning equipment, the exposed solvent surface, or the top surface of the vapor blanket.

(xiii) A method for draining cleaned material, such as a drying rack suspended above the solvent and within the freeboard area, shall be used so that the

drained solvent is returned to the degreaser or container.

(g) Rule 442 Applicability: Any solvent using operation or facility which is not subject to the source-specific Rule 1104 shall comply with the provisions of Rule 442. Any solvent using operation or facility which is exempt from all or a portion of the volatile organic compound (VOC) limits, equipment limits or the operational limits of Rule 1104 shall be subject to the applicable provisions of Rule 442.

(h) Solvent Usage Records. Owner/Operator subject to Rule 1104 or claiming any exemption under Rule 1104, Section (E), shall comply with the following requirements:

(1) Maintain and have available during an inspection, a current list of solvents in use at the facility which provides all of the data necessary to evaluate compliance, including the following information separately for each degreaser, as applicable:

(i) product name(s) used in the degreaser, and

(ii) the mix ratio of solvent compounds mixtures of solvents are used, and

(iii) VOC content of solvent or mixture of compounds as used, and

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

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

(2) Additionally, for any degreaser utilizing an add-on emission control device/system as a means of complying with provisions of Rule 1104 shall, on a monthly basis, maintain records of key system operating and maintenance data. Such data are recorded for the purpose of demonstrating continuous compliance during periods of emission producing activities. The data shall be recorded in a manner as prescribed by the District.

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

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

[Rule 1104]

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)
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 g/L (lb/gal)	On and After 7/1/2005 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)

		On and After 7/1/97	On and After 7/1/2005
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:

LIMITS

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

Coating	Air Dried		Baked	
	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*).]

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]

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

A. FACILITY IC ENGINE EQUIPMENT DESCRIPTION:
Federal Operating Permit (FOP number: 3101437) for Southern California Gas Company (SCG)**,** South Needles Compressor Station, located 11 miles south of Needles, CA 92363 on Hwy. 95, on east side of Hwy. 95. SCG**,** South Needles Compressor Station - is a natural gas compression and transmission pipeline facility located near Needles, California. IC Engine Equipment description as follows:

B. B000298: SEVEN (7) INTERNAL COMBUSTION ENGINES - Consisting of the following equipment:
Seven Clark Model TLA6 2000 bhp natural gas fueled piston IC engines, driving natural gas compressors one through seven. Rating equivalent to 117.6 MMBTU/hr.:

Capacity Description
2000.0 S/N 73618, driving compressor No. 1
2000.0 S/N 73574, driving compressor No. 2
2000.0 S/N 73606, driving compressor No. 3
2000.0 S/N 73575, driving compressor No. 4
2000.0 S/N 73573, driving compressor No. 5
2000.0 S/N 73650, driving compressor No. 6
2000.0 S/N 73681, driving compressor No. 7

1. Owner/Operator shall ensure this equipment complies with applicable Title V Part II and Part III conditions. [Rule 204]

2. Owner/Operator (o/o) shall operate this equipment in strict accord with manufacturer's specification s and/or sound engineering principles for minimizing emissions.[Rule 204]

3. These engines shall be fired on PUC quality natural gas only. [1302(C)(2)(a), Also see Part II Condition 14]

4. O/o shall maintain a log of all inspections, repairs and maintenance on this equipment and submit it to District, state or federal personnel upon request. The log shall be kept for a minimum of five (5) years. [1302 (C)(2)(a)]

5. A detailed record of the engine modifications conducted shall be maintained; including engine model and serial number, modifications description, manufacturer data, and any other pertinent information that will ensure subsequent modifications can be accurately described and replicated. [1302(C)(2)(a)]

6. Not later than 90 days after the emission modifications have been completed, the o/o shall perform subsequent source testing on the modified engine pursuant to test protocol dated September 10, 2010. These test results are anticipated to be used to determine emission concentrations for expected rule changes to MDAQMD Rule 1160. [1302(C)(2)(a)]

7. Tests shall be conducted in accordance with the following test methods:
a) Flow rate in accordance with EPA Method 19; no current limit exists
b) Fuel analysis in accordance with ASTM D3588; limit no applicable
c) O2, and CO2 in accordance with EPA Method 3A
d) *NOx, per USEPA Methods 7E; shall not exceed 1500 ppm as tested
e) *CO, as tested per USEPA Method 10; shall not exceed 2000 ppm
f) VOC, shall be tested per EPA Method 18/GC-FID Analyses; no current limit exists

   * Quantities shall be corrected to 15% oxygen. [1302(C)(2)(a)]

8. If the modified engine is found to exceed 1500 PPM NOx @ 15% O2 or 2000 PPM CO @ 15%, then the Operator shall be given 15 calendar days to correct the problem while continuing to operate that engine. If the problem cannot be corrected within 15 days, then that engine must be shut down and kept out of operation until such time as it can be repaired and its compliance with either the NOx limit or CO limit is confirmed by a either an emissions analysis or a certified source test. [1302(C)(2)(a)]

9. Source test results and emission analyses performed by the o/o shall be used only for the evaluation of the PCC equipment, or for rule-making purposes, and not be used for enforcement or compliance purposes. [1302(C)(2)(a)]

10. In addition to complying with the emission limits of condition 7, o/o shall ensure that as a - result of the PCC Pilot Project, emissions from engines with serial numbers 73606, 73575, 73573, 73650, 73681, will not cause a net emission increase beyond 25 lbs/day in the case of NOx and VOC, calculated pursuant to District Regulation XIII. O/o must demonstrate emission changes through pre- and post- project emission source tests as required above. O/o must notify the District within 90 days of any such emission increase. Further, any emission increase must be fully offset according to the requirements of Regulation XIII. Further, any increase in VOC may be offset using simultaneous emission reductions from NOx reductions from this project at a ratio of 2.0:1, NOx to VOC. [1302(C)(2(a)]

C. B002151: INTERNAL COMBUSTION ENGINE, GENERATOR - Consisting of the following equipment: A Four Stroke Rich Burn (4SRB) Engine Manufactured prior to 2006 and located at a HAP Major Source; it's a Natural Gas Fired Caterpillar Internal Combustion Engine, model G399, S/N 4900 1544 "Genset 01". This engine, which is one of three, is turbo-charged and is installed with a non-selective catalytic reduction system for NO_x and CH2O (formaldehyde) reduction. This engine is capable of generating 500 kW(e) at 733 bhp and at a nominal heat input rate of 5.63 10^6 Btu/h:

B002152: INTERNAL COMBUSTION ENGINE, GENERATOR - Consisting of the following equipment: A Four Stroke Rich Burn (4SRB) Engine Manufactured prior to 2006 and located at a HAP Major Source; it's a Natural Gas Fired Caterpillar Internal Combustion Engine, model G399, S/N 4900 1542 "Genset 02". This engine, which is one of three, is turbo-charged and is installed with a non-selective catalytic reduction system for NO_x and CH2O (formaldehyde) reduction. This engine is capable of generating 500 kW(e) at 733 bhp and at a nominal heat input rate of 5.63 10^6 Btu/h:

B002153: INTERNAL COMBUSTION ENGINE, GENERATOR - Consisting of the following equipment: A Four Stroke Rich Burn (4SRB) Engine Manufactured prior to 2006 and located at a HAP Major Source; it's a Natural Gas Fired Caterpillar Internal Combustion Engine, model G399, S/N 4900 1543 "Genset 03". This engine, which is one of three, is turbo-charged and is installed with a non-selective catalytic reduction system for NO_x and CH2O (formaldehyde) reduction. This engine is capable of generating 500 kW(e) at 733 bhp and at a nominal heat input rate of 5.63 10^6 Btu/h:

1. This equipment is subject to the requirements of 40 CFR Part 63 Subpart ZZZZ- National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines. [Rule 204]

2. O/o must meet the following emission limitation, except during periods of startup. During periods of startup o/o must minimize the engine's time spent at idle and minimize the engine's startup time at startup to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the non-startup emission limitations apply.
   a. Reduce formaldehyde emissions by 76 percent or more. [40 CFR 63.6600]

3. O/o shall conduct testing when a catalyst is changed to reestablish the values of the operating parameters. T40 CFR 63.66401

4. O/o shall use the methods and procedures specified in 40 CFR 63.6620 (Table 4) for all

performance tests intended to demonstrate compliance with the formaldehyde emission limit.

5. O/o must install, operate, and maintain a continuous parameter monitoring system (CPMS) to continuously monitor the following operating limitations;
a. Maintain your catalyst so that the pressure drop across the catalyst does not change by more than 2 inches of water at 100 percent load plus or minus 10 percent from the pressure drop across the catalyst measured during the initial performance test; and
b. Maintain the temperature of your stationary RICE exhaust so that the catalyst inlet temperature is greater than or equal to 750 °F and less than or equal to 1250 °F. [40 CFR 63.6600(a) Table 1b]

   Other parameters may be monitored instead as a part of a District-approved continues parameter monitoring protocol. Major alternatives to monitoring under 40 CFR 63.8(f), and as defined in 40 CFR 63.90, must first obtain U.S. EPA approval.
   [40 CFR 63.6635, 63.6625, 63.6670(c)(3)]

6. A thermocouple with a minimum range of 750 to 1250 degrees Fahrenheit (F) and a minimum tolerance of 5 degrees F or 1 percent of the measurement range, whichever is larger must be located in the exhaust prior to the catalyst. The thermocouple must be calibrated according to the procedures set forth in the District approved compliance assurance monitoring (CAM) plan for this equipment. [40 CFR 63.6625(b)(1)]

7. O/o must monitor and record catalyst temperatures according to the following;
One data point every 15 minutes, with rolling four one-hour averages. Four hour averages are to be reviewed and any temperature deviation alarmed. Alarms must be logged for each occurrence (deviation) and resolution noted. Deviations to be in accordance with Part 70 requirements to District and USEPA. [40 CFR 63.6625(b)(1)]

8. The o/o shall maintain a operations log (in electronic or hardcopy format) 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. Calendar year operation in terms of fuel consumption (in cubic feet or Btus) and total hours.

   b. A copy of each notification and report that you submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted, according to the requirement in subpart 63.10(b)(2)(xiv).

   c. Records of the occurrence and duration of each malfunction of operation and the

actions taken to correct such malfunction of operation. [40 CFR 63.6655(a)]
d. Records of performance tests and performance evaluations as required in subpart 63.10(b)(2)(viii).
e. Records of all required maintenance performed on the air pollution control and monitoring equipment.

f. Records of actions taken during periods of malfunction to minimize emissions in accordance with subpart 63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

Records of each instance in which the emission and operating limitations are not met. [63.6640 (b)]

9. The owner/operator (o/o) shall provide annual source tests to be conducted to define uncontrolled emissions as well as controlled emission using the non-selective catalytic reduction system for NOx (as per compliance test protocol) while the catalyst is operative.
[40 CFR 70.6 (a)(3)(B) - *Periodic Monitoring Requirements*](For Periodic Monitoring Requirements, see Part II and Part III conditions)
[Rule 204]

10. The o/o shall submit to the MDAQMD, within 45 days of the last date of on-site compliance testing and data collection, the results of all compliance tests. [1302(C)(2)(a)]

11. The pretest protocol and final report shall conform to the guidelines delineated in the MDAQMD "Source Test Procedural Manual," dated February 1988 and as amended. [1302(C)(2)(a)]

12. This equipment shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer/supplier and at all times you must operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. [40 CFR 63.6605(b)]

13. Restart after a major engine overhaul, prior to operations with catalyst shall not exceed 700 hours and shall be as continuous at near maximum loading as is practicable or in accordance with supplier's recommendations (reference Engelhard Industries West Inc. letter "Subject: Influence of IC Engine Break-In Period on Catalyst Life" dated March 21, 1998, transmitted to the MDAQMD by C.O. Burke, Southern California Gas Company). A log of the restart period shall be kept by o/o which shows times of operations and

loading. [1302(C)(2)(a)]

14. These engines shall be fired on PUC quality natural gas only. [1302(C)(2)(a)]

15. Owner/Operator shall maintain a log of all inspections, repairs and maintenance on this equipment and submit it to District, state or federal personnel upon request. The log shall be kept for a minimum of five (5) years. [1302(C)(2)(a)]

16. Owner/Operator shall maintain all operating logs and records, current and on-site, for a minimum of 5 years from the date the records were created to substantiate compliance with all conditions of this Federal Operating Permit and shall be provided to District, state or federal personnel upon request. These Records shall include a copy of the PUC quality natural gas fuel specifications used to fuel engines. [1302(C)(2)(a)]

D. MDAQMD Permit # E003364; INTERNAL COMBUSTION ENGINE, Year of Manufacturer 1989, Tier 0, Cummins, Diesel, Fire Pump, Model No. 6BTA5.9F1, 6 cylinders, 208bhp @2100rpm, Serial No. 44385221:

MDAQMD Permit # E003365; INTERNAL COMBUSTION ENGINE, Year of Manufacturer 1989, Tier 0, Cummins, Diesel, Fire Pump, Model No. 6BTA5.9F1, 6 cylinders, 208bhp @2100rpm, Serial No. 44385295:

1. This equipment shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of contaminants. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit. [40 CFR 63.6625(e), 40 CFR 63.6605]

2. This unit shall only be fired on ultra-low sulfur diesel fuel, whose sulfur concentration is less than or equal to 0.0015% (15 ppm) on a weight per weight basis per CARB Diesel or equivalent requirements. [17 CCR 93115 and 40 CFR 63.6604]

3. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time. [17 CCR 93115 and 40 CFR 63.6625(f)]

4. This unit shall be limited to use for emergency power, defined as in response to a fire or due to low fire water pressure. In addition, this unit shall be-operated no more than 50 hours per year for testing and maintenance, excluding compliance-source testing. Time required for source testing will not be counted toward the 50 hour per year limit. [17 CCR 93115 and 40 CFR 63.6640(f)]

5. The hour limit of Condition 4 can be exceeded when the emergency fire pump assembly is driven directly by a stationary diesel fueled CI engine when operated per and in accord with the National Fire Protection Association (NFPA) 25 - "Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems," 1998 edition or subsequent [17 CCR 93115 and 40 CFR 63.6640(f)]

6. The o/o shall maintain a operations log for this unit current and on-site, either at the engine location or at a on-site location, for a minimum of two (2) years, and for another year where it can be made available to the District staff within 5 working days from the District's request, 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. Reason for use (testing & maintenance, emergency, required emission testing);
   c. Calendar year operation in terms of fuel consumption (in gallons) and total hours; and,
   d. Fuel sulfur concentration (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log).
   e. Operation and Maintenance records. [40 CFR 63.6655]

7. Owner/operator must meet the following requirements;
   a. Change oil and filter every 500 hours of operation or annually, whichever comes first. O/o may utilize an oil analysis program as described in §63.6625(i) in order to extend this requirement.
   b. Inspect air cleaner every 1,000 hours of operation or annually, whichever comers first;
   c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary; and
   d. Minimize the engine's time spent at idle and minimize the engine's startup time at startup to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. [40 CFR 63.6603, Table 2d]

E. E009234; NATURAL GAS IC ENGINE, AUXILLARY AIR COMPRESSOR consisting of: Year of Manufacture: pre-June 2006; Uncertified, 4SRB, located at a HAP Major Source; One Waukesha, Natural Gas fired internal combustion engine, Model No. VRG330U and Serial No. 399781, 4SRB, producing 83 bhp with 6 cylinders at 2200 rpm while consuming a maximum of 648 scf/hr. This equipment powers a Compressor.

1. This equipment shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of contaminants. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit. [40 CFR 63.6625(e), 40 CFR 63.6605]

2. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time. [17 CCR 93115 and 40 CFR 63.6625(f)]

3. This unit shall only be fired on natural gas. [1302(C)(2)(a), Rule 431]

4. Owner/operator must meet the following requirements no later than October 19, 2013;
a. Change oil and filter every 1400 hours of operation or annually, whichever comes first. O/o may utilize an oil analysis program as described in §63.6625(i) in order to extend this requirement.
b. Inspect spark plugs every 1400 hours of operation or annually, whichever comes first;
c. Inspect all hoses and belts every 1400 hours of operation or annually, whichever comes first, and replace as necessary; and
d. Minimize the engine's time spent at idle and minimize the engine's startup time at startup to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. [40 CFR 63.6603, 40 CFR 63 Subpart ZZZZ; Table 2c and Table 6(9)]

5. The owner/operator (o/o) shall maintain a operations log for this unit current and on-site, either at the engine location or at a on-site location, for a minimum of five (5) years, and for another year where it can be made available to the District staff within 5 working days from the District's request, 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. Reason for use (testing & maintenance, emergency, required emission testing);
c. Records of maintenance; and
d. Calendar year operation in terms of fuel consumption (in scf or equivalent) and total hours.
[1302(C)(2)(a), 40 CFR 63.6655(e)]

6. The owner/operator shall minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. [40 CFR 63.6625(h)]

7. This unit shall be operated no more than 100 hours per year for maintenance checks and readiness testing, provided that the tests are recommended by Federal, State or local government, the manufacturer, the vendor, or the insurance company associated with the engine. [40 CFR 63.6640(f)]

8. This unit is subject to the requirements of 40 CFR 63 Subpart ZZZZ (RICE NESHAPs) . In the event of conflict between conditions and the referenced regulatory citation, the more stringent requirements shall govern. [Rule 204]

F. MDAQMD Permit Number E009234; IC ENGINE, EMERGENCY SPARK-IGNITED (SI), AUXILIARY consisting of: Year of Manufacture; 2019; 4SRB; Engine is Subject to NSPS 40 CFR Part 60 Subpart JJJJ, BACT and Offset Requirements of District Regulation XIII. Facility is a HAP Major Source. Engine is equipped with the following Control Equipment:

Control Device,
DCL Model 2DC49-6CGS horizontal catalytic converter/silencer
o 18-32 dBA insertion loss
o Mounted on cooler
o (2) DC49 catalytic elements
o Guaranteed Emissions (g/bhp-hr):
NOx: 0.44
CO: 2.0
VOC: 0.29

RELi E3 Air Fuel Ratio (AFR) Control System

Exhaust Stack is 13.5 feet high and has a 1.167 foot diameter.

Exhaust vents at 1801 Lb/hr and at a temperature of 1004 Degrees F.

Facility elevation is 1342 feet above sea level.

One Caterpillar, NG fired internal combustion engine Model No. G3406TA and Serial No. TBD, Four-Stroke Rich Burn, producing 276 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 2.05 MMBtu/hr.

1. This stationary, spark-ignited, internal combustion engine and control device shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of contaminants. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit. [40 CFR 60.4243(a)(1), Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines]

2. Engine may operate in response to notification of impending involuntary rotating outage if the area utility has ordered rotating outages in the area where the engine is located or expects to order such outages at a particular time, the engine is located in the area subject to the rotating outage, the engine is operated no more than 30 minutes prior

to the forecasted outage, and the engine is shut down immediately after the utility advises that the outage is no longer imminent or in effect.

3. This equipment shall only be fired on natural gas fuel only.
[District Rule 1302(C)(2)(a)]

4. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time.
[District Rule 1302(C)(2)(a)]

5. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted. In addition, this unit shall be operated no more than 100 hours per year for testing and maintenance, excluding compliance source testing.
[40 CFR 60.4243(d), Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines, Rule 1320]

6. The o/o shall maintain an operations log for this unit current and on-site (or at a central location) for a minimum of two (2) 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. Reason for use (testing & maintenance, emergency, required emission testing);
c. Calendar year operation in terms of fuel consumption (in standard cubic feet or gallons) or total hours; and,
d. Records of all maintenance and repair actions performed on the engine, the AFRC, and the three-way catalyst;
[40 CFR 60.4245, Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines]

7. This unit shall not be used to provide power during a voluntary agreed to power outage and/or power reduction initiated under an Interruptible Service Contract (ISC); Demand Response Program (DRP); Load Reduction Program (LRP) and/or similar arrangement(s) with the electrical power supplier.
[40 CFR 60.4243(d), Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines]

8. The air-to-fuel ratio controller shall be used in conjunction with the operation of the three-way catalyst, and shall be maintained and operated appropriately to ensure proper operation of the engine and control device to minimize emissions at all times.
[40 CFR 60.4243(g), Subpart JJJJ - Standards of Performance for Stationary Spark

Ignition Internal Combustion Engines]

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

~~F~~G. FACILITY ANCILLARY SUPPORT EQUIPMENT DESCRIPTION:
Miscellaneous ancillary support equipment includes; One (1) 7000 gallon aboveground Internal Combustion Engine - Waste Oil Storage Tank and Three (3) 7000 gallon aboveground New (unused) oil storage tanks, One (1) 4850 gallon aboveground Odorant Storage Tank vented to Granulated Activated Charcoal Canister Filter:

~~G~~H. MDAQMD Permit Number T002280: USED CRANKCASE OIL STORAGE TANK:
Consisting of the following equipment: One aboveground 7,000 gal used crankcase oil storage tank and three aboveground 7,000 gal new oil tanks (new oil tanks Rule 219 exempt).

1. All flanges, seals, pumps and other appurtenant equipment shall be installed and maintained to prevent the loss of volatile fractions. [1302(C)(2)(a)]

2. Owner/Operator shall maintain a monthly log of waste oil throughput. In addition, all shipments of oil to other parties and the hauler of oil shall be logged. Additionally, this log shall contain the mass (or volume) and the date of the oil shipment. [1302(C)(2)(a)]

3. This tank is limited to storing waste oil generated by So Cal Gas Co.[1302(C)(2)(a)]

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. [1302(C)(2)(a)]

~~H~~I. MDAQMD Permit Number T002281; Odorization System:
Odorization System injects odorant into the natural gas transmission lines and includes the following equipment; One (1) 4850 gallon aboveground Odorant Storage Tank vented to Granulated Activated Charcoal Canister Filter:

1. Operation of this equipment shall be conducted in compliance with data and specifications submitted with the original District permit application. [1302(C)(2)(a)]

2. This equipment shall be properly maintained and kept in good operating condition at all

times. Owner/Operator shall monitor this system for leaks by conducting periodic leak checks on a daily basis and comply with District Rule 430, Breakdown Provisions. [1302(C)(2)(a)]

3. Owner/Operator shall operate/maintain this system in strict accord with manufacturer/supplier recommendations and/or sound engineering principles. [1302(C)(2)(a)]

4. Odorant tanks and the delivery truck used to fill each tank must be equipped with a Two Point Phase I - type vapor recovery system. [1302(c)(2)(a)]

5. Two Point Phase I type vapor recovery system (or equivalent) must be utilized whenever any odorant tank is being filled. [1302(C)(2)(a)]

6. This tank shall not be filled to greater than 90% of its maximum capacity (to allow for expansion within tank.) [1302(C)(2)(a)]

PART IV
STANDARD FEDERAL OPERATING PERMIT CONDITIONS

A. STANDARD CONDITIONS:

1. If any portion of this Federal Operating Permit is found to be invalid by the final decision of a court of competent jurisdiction the remaining portion(s) of this Federal Operating Permit shall not be affected thereby. [40 CFR 70.6(a)(5); Rule 1203(D)(1)(f)(i)]

2. Owner/Operator shall comply with all condition(s) contained herein. Noncompliance with any condition(s) contained herein constitutes a violation of the Federal Clean Air Act and of MDAQMD Regulation XII and is grounds for enforcement action; termination, revocation and re-issuance, or modification of this Federal Operating Permit; and/or grounds for denial of a renewal of this Federal Operating Permit. [40 CFR 70.6(a)(6)(i); Rule 1203(D)(1)(f)(ii)]

3. It shall not be a defense in an enforcement action brought for violation(s) of condition(s) contained in this Federal Operating Permit that it would have been necessary to halt or reduce activity to maintain compliance with those condition(s). [40 CFR 70.6(a)(6)(ii); Rule 1203(D)(1)(f)(iii)]

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

5. The filing of an application for modification; a request for revocation and re-issuance; a request for termination; notifications of planned changes; or anticipated noncompliance with condition(s) does not stay the operation of any condition contained in this Federal Operating Permit. [40 CFR 70.6(a)(6)(iii); Rule 1203(D)(1)(f)(v)]

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

7. Owner/Operator shall furnish to the MDAQMD, within a reasonable time as specified by the MDAQMD, any information that the MDAQMD may request in writing. [40 CFR 70.6(a)(6)(v); Rule 1203(D)(1)(f)(vii)]

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

9. Any records required to be generated and/or kept by any portion of this Federal Operating Permit shall be retained by the facility Owner/Operator for at least five (5) years from the date the records were created. [40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

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

11. Owner/Operator shall not be required to revise this permit for approved economic incentives, marketable permits, emissions trading or other similar programs provided for in this permit. [40 CFR 70.6(a)(8); Rule 1203(D)(1)(f)(x)]

12. Compliance with condition(s) contained in this Federal Operating Permit shall be deemed compliance with the Applicable Requirement underlying such condition(s). The District clarifies that "only" Applicable Requirements listed & identified elsewhere in this Title V Permit are covered by this Permit Shield and does not extend to any unlisted/unidentified conditions pursuant to the requirements of 40 CFR 70.6(f)(1)(i). [40 CFR 70.6(f)(1)(i); Rule 1203(G)(1)]

13. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to limit the emergency powers of USEPA as set forth in 42 U.S.C. §7603. [40 CFR 70.6(f)(3)(i); Rule 1203(G)(3)(a)]

14. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to limit liability for violations which occurred prior to the issuance of this Federal Operating Permit. [40 CFR 70.6(f)(3)(ii); Rule 1203(G)(3)(b)]

15. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to alter any Applicable Requirement Contained in the Acid Rain Program. [40 CFR 70.6(f)(3)(iii); Rule 1203(G)(3)(c)]

16. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to limit the ability of USEPA or the MDAQMD to obtain information pursuant to other provisions of law including but not limited to 42 U.S.C. §7414. [40 CFR 70.6(f)(3)(iv); Rule 1203(G)(3)(d)]

17. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to

apply to emissions trading pursuant to provisions contained in an applicable State Implementation Plan. [40 CFR 70.4(b)(12)(ii)(B); Rule 1203(G)(3)(e)]

18. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to apply to changes made which are not expressly allowed by this Federal Operating Permit. [40 CFR 70.4(b)(14)(iii); Rule 1203(G)(3)(f)]

19. The Permit Shield set forth in Part IV, condition 12, shall not be construed to apply to changes made pursuant to the Significant Permit Modification provisions until such changes are included in this Federal Operating Permit.
[40 CFR 70.5(a)(1)(ii), 70.7(e)(2)(vi); Rule 1203 (G)(3)(g)]

20. If Owner/Operator performs maintenance on, or services, repairs, or disposes of appliances, Owner/Operator shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. These requirements are Federally Enforceable through this Title V Permit. [40 CFR Part 82, Subpart F]

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

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

PART V
OPERATIONAL FLEXIBILITY

A. ALTERNATIVE OPERATING SCENARIO (S):

B. OFF PERMIT CHANGES:

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

A. Permitee has applied for and obtained all permits and approvals required by MDAQMD Regulation II and Regulation XII unless the equipment involved in the change is exempt from obtaining such permits and approvals pursuant to the provisions of 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, permitee shall implement the change as follows:

1. Permitee 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. Permitee 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. Permitee 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. Permitee shall attach a copy of the Authority to Construct Permit and any subsequent Permit to Operate, which evidences the Off Permit Change to this Title V permit. *[See 1203(E)(1)(c)(i)f]*

D. Permitee 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, ABREVIATIONS, 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 SO_2 Emissions Data Protocol
40 CFR Part 75, Appendix F, Conversion Procedures
40 CFR Part 75, Appendix G, Determination of CO_2 Emissions

B. OTHER CONVENTIONS:

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

C. ABBREVIATIONS

Abbreviations used in this permit are as follows:

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

CCR	California Code of Regulations
CEMS	continuous emissions monitoring system
CO	carbon monoxide
CO_2	carbon dioxide
District	Mojave Desert Air Quality Management District (formed July 1993)
MDAQMD	Mojave Desert Air Quality Management District (formed July 1993)
MD	Mojave Desert Air Quality Management District (formed July 1993)
SB	San Bernardino County APCD (1975 to formation of MDAQMD)
gr/dscf	grains per dry standard cubic foot
gpm	gallons per minute
gph	gallons per hour
hp	horse power
H&SC	California Health and Safety Code
lb	pounds
lb / hr	pounds per hour
lb / MM Btu	pounds per million British thermal units
MM Btu	million British thermal units
MM Btu/hr	million British thermal units per hour
MW	Megawatt electrical power
MW(e) net	net Megawatt electrical power
NH_3	ammonia
NMOC	non-methane organic compounds
NO_x	oxides of nitrogen
NO_2	nitrogen dioxide
O_2	oxygen
pH	pH (acidity measure of solution)
PM_{10}	particulate matter less than 10 microns aerodynamic diameter
ppmv	parts per million by volume
psig	pounds per square inch gauge pressure
QA	quality assurance
rpm	revolutions per minute
RVP	Reid vapor pressure
SCAQMD	South Coast Air Quality Management District
scfm	standard cubic feet per minute
scfh	standard cubic feet per hour
SIC	Standard Industrial Classification
SIP	State of California Implementation Plan
SO_x	oxides of sulfur
SO_2	sulfur dioxide
tpy	tons per year
TVP	true vapor pressure

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					

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	Equipment Not Requiring a Written Permit Pursuant to Regulation II				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
						11/12/1992				
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	Plans	RC			11/12/1985		40 CFR 52.220(c)(165)(i)(B)(1)	4/17/1987	52 FR 12522
				None	1/4/1985					
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	Permit Fees	MD			6/6/1977	App	40 CFR 52.220(c)(39)(iv)(C)	9/8/1978	43 FR 40011
SC	301	Permit Fees				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
						10/25/1991				
						1/11/1993				
						2/28/1994				
MD	301	Permit Fees		6/24/2012	Not SIP		Del	40 CFR 52.220(c)(39)(iv)(C)	1/18/2002	67 FR 2573

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					

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 Trnasfer 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			11/30/1994	App	40 CFR 52.220(c)(207)(i)(D)(2)	4/30/1996	61 FR 18962
				9/28/1994	Current					
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)					

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
						11/21/1986				
						3/26/1990				
						1/28/1992				
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
									6/4/1986	
									11/21/1986	
									1/28/1992	
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
						6/4/1986				
						11/21/1986				
						1/28/1992				
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)					

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)					