

MOJAVE DESERT
AIR QUALITY MANAGEMENT DISTRICT

Federal Operating Permit Number: 1500039

For: PACIFIC GAS & ELECTRIC
COMPANY

Facility: Topock Compressor Station

Issued Pursuant to MDAQMD Regulation XII
Effective Date: June 30, 2015

This Federal Operating Permit Expires on:
June 30, 2020



Issued By: Brad Poiriez
Executive Director

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PERMIT REVISIONS

December 12, 2016, Administrative Permit Amendment described as follows:

Added two alternate Responsible Officials at the request of the facility (R. Trevino to B. Poiriez, December 9, 2016).

Updated cover page to reflect recent appointee of B. Poiriez as Executive Director.

August 12, 2015, Administrative Permit Amendment described as follows:

The recently issued FOP Renewal contained several typographical errors.

Part III, Section B, Condition 5(c) references units “P-6, P-7, P-8, and P-9”, this error has been corrected with appropriate reference to units “P1, P2, P3, and P4. Likewise, the same issue exists for Part III, Section C, Condition 15(c) [P5 diesel engine] and has been corrected.

Additionally, Part III, Section B, Condition 5(d) refers to requirements for CPMS. A CPMS is not required- nor installed, therefore Condition 5(d) has been deleted.

- Part III, Conditions B.1 and C.1: Updated to include “and/or sound engineering principles” as described in Part III, Condition A.1.
- Part III, Condition J.5: Updated to state “The unit shall be limited to use for emergency fire water suppression, defined as in response to a fire or due to low fire water pressure.”
- Part III, Condition K.2: Included a space between “continuously” and “monitor.”

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PART I
INTRODUCTORY INFORMATION

A. FACILITY IDENTIFYING INFORMATION:

Owner/Company Name: PACIFIC GAS & ELECTRIC COMPANY

Owner Mailing Address: Pacific Gas & Electric Company
ATTN: Air Permits
P.O. Box 7640
San Francisco, CA 94120-7640

Facility Name: Topock Compressor Station

Facility Location: 145453 National Trail Highway, Needles, CA 92363

Mailing Address: P.O. Box 337, Needles, CA 92363

MDAQMD Federal Operating Permit Number: 1500039

MDAQMD Company Number: 0015

MDAQMD Facility Number: 00039

Responsible Official: Rolando Trevino
Title: Vice President, Engineering & Design, Gas Operations
Phone Number: (925) 328-5933

Alternate Responsible Official #1: Jesus Soto
Title: Senior Vice President, Gas Operations
Phone Number: (925) 244-3944

Alternate Responsible Official #2: John Higgins
Title: Vice President, Gas Transmission & Distribution Operation
Phone Number: (925) 244-3082

Facility "Site" Contacts: Dan Lytle
Phone Number: (760) 326-5541

Facility "Off Site" Contacts: Valeri Hirst
Phone Number: (760) 253-7847

Nature of Business: Natural Gas Compressor Station
SIC Code: 4922 – Natural Gas Pipeline
Facility Location: UTM (Km) 729E/3844N

B. DESCRIPTION OF FACILITY:

Federal Operating Permit (FOP number: 1500039) for Pacific Gas & Electric Company (PG&E), Topock Compressor Station, located near I-40 and Park Moabi Road, 12 Miles East of Needles, California. PG&E, Topock Compressor Station is a natural gas compression/transmission pipeline facility. The facility has ten (10) 3500 bhp Natural Gas Fueled Internal Combustion (IC) Engines driving compressor #'s K1 through K10. Four (4) 490 bhp Natural Gas Fueled IC Engine Electrical Generators; Unit #'s P-1 through P-4. In addition, there is one (1) 755 bhp Diesel Fueled IC Engine Electrical Power Generator used for supplemental base loading.

Miscellaneous ancillary support equipment includes: three (3) odorization systems, two (2) waste oil storage/holding systems, one (1) non-retail gasoline dispensing facility, and one (1) IC Engine driven Fire Water Pump.

C. EQUIPMENT DESCRIPTION:

1. Ten (10) Natural Gas Fueled Piston Type Internal Combustion (IC) Engines Driving Natural Gas Compressors (K1-K10), MDAQMD Permit Number B000313:

- a. Cooper-Bessemer model GMWTC, Serial No. 42582, 2SLB, rated at 3500 bhp and drives compressor K1.
- b. Cooper-Bessemer model GMWTC, Serial No. 42583, 2SLB, rated at 3500 bhp and drives compressor K2.
- c. Cooper-Bessemer model GMWTC, Serial No. 42584, 2SLB, rated at 3500 bhp and drives compressor K3.
- d. Cooper-Bessemer model GMWTC, Serial No. 42585, 2SLB, rated at 3500 bhp and drives compressor K4.
- e. Cooper-Bessemer model GMWTC, Serial No. 42586, 2SLB, rated at 3500 bhp and drives compressor K5.
- f. Cooper-Bessemer model GMWTC, Serial No. 42587, 2SLB, rated at 3500 bhp and drives compressor K6.
- g. Cooper-Bessemer model GMWTC, Serial No. 43130, 2SLB, rated at 3500 bhp and drives compressor K7.
- h. Cooper-Bessemer model GMWTC, Serial No. 43131, 2SLB, rated at 3500 bhp and drives compressor K8.
- i. Cooper-Bessemer model GMWTC, Serial No. 43536, 2SLB, rated at 3500 bhp and drives compressor K9.
- j. Cooper-Bessemer model GMWTC, Serial No. 44043, 2SLB, rated at 3500 bhp and drives compressor K10.

2. MDAQMD Permit Number B003302; Four (4) Natural Gas Fueled Piston Type IC Engine Generators; Unit #'s P-1, P-2, P-3, P-4:

Four Ingersol-Rand 8 cylinder, 4SRB, IC engines which burn approximately 4241 scf/hr of natural gas at maximum fuel flow rate

<u>Capacity</u>	<u>Equipment Description</u>
490 bhp	Ingersol-Rand, Model PSVG IC engine, Serial No. 8APS1061951 (P-1)
490 bhp	Ingersol-Rand, Model PSVG IC engine, Serial No. 8APS1071951 (P-2)
490 bhp	Ingersol-Rand, Model PSVG IC engine, Serial No. 8APS1081951 (P-3)
490 bhp	Ingersol-Rand, Model PSVG IC engine, Serial No. 8APS1411953 (P-4)

1960 bhp total

3. MDAQMD Permit Number B002660; Diesel Fueled Piston Type IC Engine Generator (P-5):
 755 BHP DIESEL FUELED PISTON TYPE INTERNAL COMBUSTION ENGINE ELECTRICAL POWER GENERATOR; Equipped with a DCL International MINEXFF Soot (Diesel Particulate) Filter (or DPF), size 20 by 15 (custom made), Item Number 8000FF-5556-11, equipped with a Continuous Parameter Monitoring System (CPMS) and closed crankcase ventilation system.

4. MDAQMD Permit Number N002572; Gasoline Dispensing Facility (Non-Retail):
 - a. Tanks - Number of Tanks: 3

Tank Number:	1	2	3
Material Stored:	Diesel	(87) Unleaded	Diesel
Volume Gallons:	1,000	2,000	2,000
Aboveground (A):	A	A	A
 - b. Dispensing Equipment:

Gasoline Dispensing Nozzles (Number):	1
Diesel Dispensing Nozzles (Number):	1
Phase II Vapor Recovery System (Type):	Balance

5. MDAQMD Permit Number T002944; Waste Oil Holding Tank:
 3500 gallon cylindrical tank 8 ft high and 8 ft in diameter with a 24 inch diameter top entry manway, a 16 inch by 30 inch hinged top manway and six 4 inch flange connections (inlet, outlet, drain, overflow, vent and level switch). Serves existing oil/water separator.

6. MDAQMD Permit Number T003303; Waste Oil Holding Tank:
 Welded steel 7,150 gallon cylindrical fixed roof tank 8 ft in diameter and 20 ft high. Used for the storage of IC Engine used crankcase oil.

7. RESERVED.

8. RESERVED.

9. RESERVED.

10. MDAQMD Permit Number E009590; IC Engine Driven Emergency Fire Water Pump (FP-1):
 Detroit Diesel, Diesel, Fire Pump, Model No. 5034-8012, 3 cylinders, Direct Injected,

91bhp @3000rpm, Serial No. 3FD1797.

11. MDAQMD Permit Number B010503; B-side Odorization System (C-201):
40' by 8.5' by 8' H skid-mounted OdorEyes Accu/Line Injection Odorizer operating at a nominal 0.25 to 0.35 pounds/MMscf injection rate, with a 5000 gallon horizontal odorant tank and related ancillary equipment. Injects odorant into natural gas transmission lines.
12. MDAQMD Permit Number B010504; A-side Odorization System (C-202):
40' by 8.5' by 8' H skid-mounted OdorEyes Accu/Line Injection Odorizer operating at a nominal 0.25 to 0.35 pounds/MMscf injection rate, with a 5000 gallon horizontal odorant tank and related ancillary equipment. Injects odorant into natural gas transmission lines.
13. MDAQMD Permit Number T011434, Transwestern Natural Gas Odorant Storage & Injection System (C-203):
Odorant injection system with 5000 gallon above ground odorant tank and related equipment. Injects odorant into natural gas transmission lines.

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

- A. CONDITIONS APPLICABLE TO THE ENTIRE COMPRESSOR STATION AND EQUIPMENT:
1. A permit is required to operate this facility.
[Rule 203 - *Permit to Operate*]
 2. The equipment at this facility shall not be operated contrary to the conditions specified in the District Permit to Operate.
[Rule 203 - *Permit to Operate*]
 3. The Air Pollution Control Officer (APCO) may impose written conditions on any permit.
[Rule 204 - *Permit Conditions*]
 4. Commencing work or operation under a permit shall be deemed acceptance of all the conditions so specified.
[Rule 204 - *Permit Conditions*]
 5. Posting of the Permit to Operate is required on or near the equipment or as otherwise approved by the APCO/District.
[Rule 206 - *Posting of Permit to Operate*]
 6. Owner/Operator shall not willfully deface, alter, forge, or falsify any permit issued under District rules.
[Rule 207 - *Altering or Falsifying of Permit*]
 7. Permits are not transferable.
[Rule 209 - *Transfer and Voiding of Permit*]
 8. The APCO may require the Owner/Operator to provide and maintain such facilities as are necessary for sampling and testing.
[Rule 217 - *Provision for Sampling And Testing Facilities*]
 9. The equipment at this facility shall not require a District permit or be listed on the Title V permit if such equipment is listed in Rule 219 and meets the applicable criteria contained in Rule 219 (B). However, any exempted insignificant activities/equipment are still subject to all applicable facility-wide requirements.
[SIP Pending: Rule 219 - *Equipment Not Requiring a Written Permit*]

10. The Owner/Operator of this facility shall obtain a Federal Operating Permit for operation of this facility.
[Rule 221 - *Federal Operating Permit Requirement*]
11. Owner/Operator shall pay all applicable MDAQMD permit fees.
[Rule 301 - *Permit Fees*]
12. Owner/Operator shall pay all applicable MDAQMD Title V Permit fees.
[Rule 312 - *Fees for Federal Operating Permits*]
13. 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 the diesel engine (P-5) or emergency fire pump (FP-1) is fired on California low sulfur diesel fuel, periodic monitoring for combustion equipment is not required to validate compliance with the Rule 401 Visible Emissions limit.[Rule 204 - *Permit Conditions*; Rule 401 - *Visible Emissions*]
14. Owner/Operator is limited to use of the following quality fuels for fuel types specified elsewhere in this permit: PUC quality natural gas fuel - sulfur compounds shall not exceed 800 parts per million (ppm) calculated as hydrogen sulfide at standard conditions; diesel fuel - sulfur content shall not exceed 0.5 percent by weight. Compliance with Rule 431 fuel sulfur limits is assumed for PUC quality natural gas fuel and CARB certified diesel fuel. Records shall be kept on-site and available for review by District, state, or federal personnel at any time. The sulfur content of non-CARB certified diesel fuel shall be determined by use of American Society for Testing and Materials (ASTM) method D 2622-82 or ASTM method D 2880-71, or equivalent.
[40 CFR 70.6 (a)(3)(i)(B) - *Periodic Monitoring Requirements*]
[Rule 431 - *Sulfur Content of Fuels*]
15. Emissions of fugitive dust from any transport, handling, construction, or storage activity at this facility shall not be visible in the atmosphere beyond the property line of the facility.
[Rule 403 - *Fugitive Dust*]
16. Owner/Operator shall comply with the applicable requirements of Rule 403.2 unless an "Alternative PM₁₀ Control Plan" (ACP) pursuant to Rule 403.2(G) has been approved.
[SIP Pending: Rule 403.2 - *Fugitive Dust Control for the Mojave Desert Planning Area*]
17. Owner/Operator shall not discharge into the atmosphere from this facility, particulate

matter (PM) except liquid sulfur compounds, in excess of the concentration at standard conditions, shown in Rule 404, Table 404 (a).

- (a) Where the volume discharged is between figures listed in the table the exact concentration permitted to be discharged shall be determined by linear interpolation.
- (b) This condition shall not apply to emissions resulting from the combustion of liquid or gaseous fuels in steam generators or gas turbines.
- (c) For the purposes of this condition, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

[Rule 404 - *Particulate Matter Concentration*]

18. Owner/Operator shall not discharge into the atmosphere from this facility, solid PM including lead and lead compounds in excess of the rate shown in Rule 405, Table 405(a).

- (a) Where the process weight per hour is between figures listed in the table, the exact weight of permitted discharge shall be determined by linear interpolation.
- (b) For the purposes of this condition, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

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

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

[Rule 406 - *Specific Contaminants*]

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

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

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

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

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

[Rule 408 - *Circumvention*]

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

[Rule 409 - *Combustion Contaminants*]

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.
- [SIP Pending: Rule 430 - *Breakdown Provisions*]
24. The provisions of Regulation IV except Rule 402 shall not apply to experimental research operations when the following requirements are met:
- (a) The purpose of the operation is to permit investigation, experiment, or research to advance the state of knowledge or the state of the art; and
 - (b) The APCO has given written prior approval that shall include limitation of time.
- [Rule 441 – *Research Operations*]
25. Owner/Operator of this facility shall comply with all applicable requirements of Rule 442 and must meet the following emission and operating requirements:
- (a) Shall not discharge VOCs into the atmosphere from all VOC containing materials, equipment, or processes subject to this rule, in excess of 540 kilograms (1,190 pounds) per month at this Facility.
 - (i) Compliance with the VOC limit above may be obtained through use of any of the following or any combination thereof:
 - a. Product reformulation or substitution;
 - b. Process changes;
 - c. Improvement of operational efficiency;
 - d. Development of innovative technology;
 - e. operation of emission collection and control system that reduces overall emissions by eighty-five percent (85%).
 - (b) Shall not discharge into the atmosphere a non-VOC organic solvent in excess of 272 kilograms (600 pounds) per day as calculated on a thirty (30) day rolling average.

For purposes of VOC quantification, discharge shall include a drying period of 12 hours following the application of such non-VOC solvents.

- (c) The provisions of this condition shall not apply to:
 - (i) The manufacture, transport or storage of organic solvents, or the transport or storage of materials containing organic solvents.
 - (ii) The emissions of VOCs from VOC-containing materials or equipment which are subject to District Regulation IV rules or which are exempt from air pollution control requirements by such rules.
 - (iii) The use of pesticides including insecticides, rodenticides or herbicides.
 - (iv) The use of 1,1,1 trichloroethane, methylene chloride and trichlorotrifluoroethane.
 - (v) Aerosol products.
 - (vi) VOC containing materials or equipment which is not subject to VOC limits of any rule found in District Regulation XI – Source Specific Standards.
- (d) Owner/operator shall maintain daily usage records for all VOC-containing materials subject to this condition. The records shall be retained for five years and be made available upon request. VOC records shall include but not be limited to:
 - (i) The amount, type and VOC content of each solvent used; and
 - (ii) The method of application and substrate type; and
 - (iii) The permit units involved in the operation (if any).
- (e) Determination of VOC Content in Solvent-containing materials, Presence of VOC in Clean-up Materials, or Determination of Efficiency of Emission Control Systems must be made in accordance with methods and provisions of District Rule 442.

[SIP: Rule 442 – *Usage of Solvents*]

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

[Rule 444 – *Open Outdoor Fires*]

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

- (a) All degreasers shall be equipped with a cover, which reduces solvent evaporation and minimizes disturbing the vapor zone.
 - (b) A permanent, conspicuous label summarizing the applicable operating requirements contained in Rule 1104. In lieu of a label, operating instructions may be posted near the degreaser where the operators can access the proper operating requirements of this rule.
- (c) Cold Solvent Degreasers - Freeboard Requirements:
- (i) Cold solvent degreasers using only low volatility solvents, which are not agitated, shall operate with a freeboard height of not less than 6 inches.

- (ii) *Cold solvent degreasers using only low volatility solvents may operate with a freeboard ratio equal to or greater than 0.50 when the cold solvent degreaser has a cover, which remains closed during the cleaning operation.*
- (iii) Any cold solvent degreasers using solvent which is agitated, or heated above 50°C (120°F) shall operate with a freeboard ratio equal to or greater than 0.75.
- (iv) A water cover may be used as an acceptable control method to meet the freeboard requirements, when the solvent is insoluble in water and has a specific gravity greater than one.
- (d) Cold Solvent Degreasers - Cover Requirements:
 - (i) Cold solvent degreasers using high volatility solvent shall have a cover that is a sliding, rolling or guillotine (bi-parting) type, which is designed to easily open and close without disturbing the vapor zone.
- (e) Cold Solvent Degreasers - Solvent Level Identification:
 - (i) A permanent, conspicuous mark locating the maximum allowable solvent level conforming to the applicable freeboard requirements.
- (f) All Degreasers shall comply with the following operating requirements:
 - (i) Any solvent cleaning equipment and any emission control device shall be operated and maintained in strict accord with the recommendations of the manufacturer.
 - (ii) Degreasers shall not be operating with any detectable solvent leaks.
 - (ii) All solvent, including waste solvent and waste solvent residues, shall be stored in closed containers at all times. All containers for any solvent(s) shall have a label indicating the name of the solvent/material they contain.
 - (iv) Waste solvent and any residues shall be disposed of by one of the following methods: a commercial waste solvent reclamation service licensed by the State of California; **or** a federally or state licensed facility to treat, store or dispose of such waste; **or** the originating facility may recycle the waste solvent and materials in conformance with requirements of Section 25143.2 of the California Health and Safety Code.
 - (v) Degreasers shall be covered to prevent fugitive leaks of vapors, except when processing work or to perform maintenance.
 - (vi) Solvent carryout shall be minimized by the following methods:
 - (a) Rack workload arranged to promote complete drainage
 - (b) Limit the vertical speed of the power hoist to 3.3 meters per minute (11 ft/min) or less when such a hoist is used.
 - (c) Retain the workload inside of the vapor zone until condensation ceases.
 - (d) Tip out any pools of solvent remaining on the cleaned parts before removing them from the degreaser if the degreasers are operated manually.
 - (e) Do not remove parts from the degreaser until the parts are visually dry and not dripping/leaking solvent. (This does not apply to an emulsion cleaner workload that is rinsed with water within the

- degreaser immediately after cleaning.)
- (vii) The cleaning of porous or absorbent materials such as cloth, leather, wood or rope is prohibited.
 - (viii) Except for sealed chamber degreasers, all solvent agitation shall be by 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 - *Organic Solvent Degreasing Operations*]

28. Owner/Operator's use of *Architectural Coatings* at this facility shall comply with the applicable requirements of Rule 1113, including the VOC limits specified in Rule 1113, part C, Table 1.
[Rule 1113 - *Architectural Coatings*]
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.
[Rule 1115- *Metal Parts and Products Coatings Operations*]
30. Owner/Operator shall comply with all requirements of the District's Title V Program, MDAQMD Rules 1200 through 1211 (Regulation XII - *Federal Operating Permits*).
31. The permit holder shall submit an application for renewal of this Title V Permit at least six (6) months, but no earlier than eighteen (18) months, prior to the expiration date of this Federal operating permit (FOP). If an application for renewal has not been submitted and deemed complete in accordance with this deadline, the facility may not operate under the (previous valid) FOP after this FOP expiration date. If the permit renewal has not been issued by this FOP expiration date, but a complete application for renewal has been submitted in accordance with the above deadlines, the existing permit will continue in force until the District takes final action on the renewal application. [District Rule 1202 - Applications]

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

1. Any data and records generated and/or kept pursuant to the requirements in this federal operating permit (Title V Permit) shall be kept current and on site for a minimum of five (5) years from the date generated. Any records, data, or logs shall be supplied to District, state, or federal personnel upon request.
[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]
2. Any Compliance/Performance testing required by this Federal Operating Permit shall follow the administrative procedures contained in the District's *Compliance Test Procedural Manual*. Any required annual Compliance and/or Performance Testing shall be accomplished by obtaining advance written approval from the District pursuant to the District's *Compliance Test Procedural Manual*. All emission determinations shall be made as stipulated in the *Written Test Protocol* accepted by the District. When proposed

testing involves the same procedures followed in prior District approved testing, then the previously approved *Written Test Protocol* may be used with District concurrence.
[Rule 204 - *Permit Conditions*; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

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). The sulfur content of natural gas shall be determined by use of PG&E's CPUC-approved tariff, Gas Rule 21. Vendor data meeting this requirement are sufficient.
[40 CFR 70.6(a)(3)(B) – *Periodic Monitoring Requirements*]
[Rule 204 - *Permit Conditions*]
[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)(g)(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 pursuant to District Rule 1203. The *Compliance Certification Report* shall cover the 12 month period from November 1st to October 31st, and be postmarked no later than 30 days after the end of the reporting period. Each report shall be certified to be true, accurate, and complete by "The Responsible Official" and a copy of this annual report shall also be contemporaneously submitted to the EPA Region IX

Administrator.

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

5. Owner/Operator shall submit, on a *semi-annual* basis, a *Monitoring and Deviations Report* to the APCO/District, with a copy to the EPA Region 9 Administrator. Each *Monitoring and Deviations Report* shall cover the periods from November 1st to May 1st and from May 2nd to October 31st, and be postmarked no later than 30 days after the end of the reporting period. This *Monitoring and Deviations 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 all reportable deviations from any federally enforceable requirement in this permit.
 - (b) Summary of all emissions monitoring and analysis methods required by any Applicable Requirement / federally - enforceable requirement.
 - (c) Summary of all periodic monitoring, testing or record keeping (including test methods sufficient to yield reliable data) to determine compliance with any Applicable Requirement / federally - enforceable requirement that does not directly require such monitoring.
 - (d) Summary of necessary requirements concerning use and maintenance of equipment including the installation and maintenance of monitoring equipment.[Rule 1203(D)(1)(c)(i - iii); Rule 1203(D)(1)(d)(i); Rule 1203(D)(1)(e)(i - ii); Rule 1203(D)(1)(g)(v - x)]
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 2/24/95]
 - (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.
[Rule 1203(D)(1)(f)(ii)]
6. Owner/Operator shall comply in a timely manner with all applicable requirements / federally - enforceable requirements that become effective during the term of this permit.
[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.
[40 CFR 61.145.b]

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

- A. CONDITIONS APPLICABLE TO TEN 3500 BHP NATURAL GAS FUELED PISTON TYPE INTERNAL COMBUSTION ENGINE DRIVERS (K-1, K-2, K-3, K-4, K-5, K-6, K-7, K-8, K-9, K-10) ; MDAQMD PERMIT # B000313:
1. Owner/Operator shall operate this equipment in strict accord with manufacturer's specifications and/or sound engineering principles.
[Rule 204 - *Permit Conditions*]
 2. These engines shall be fired on PUC quality natural gas only.
[Rule 431 – *Sulfur Content of Fuels*]
 3. 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.
[District Rule 1203(D)(1)(d)(ii)]
 4. 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.
[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii); Rule 204 - *Permit Conditions*]
- B. CONDITIONS APPLICABLE TO FOUR (P1-P4) 490 BHP NATURAL GAS FUELED PISTON TYPE INTERNAL COMBUSTION ENGINE - ELECTRICAL POWER GENERATORS; MDAQMD PERMIT # B003302:
1. This existing, natural gas engine, shall be installed, operated, and maintained in strict accord with those recommendations of the manufacturer/supplier and/or in a manner consistent with safety and good air pollution control practices for minimizing emissions. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.
[Rule 204; 40 CFR 63.6605(a); 63.6605 (b)]
 2. Except during periods of startup, owner/ operator must meet the following emission limitation:
 - a. limit the emissions of formaldehyde to 10.3 ppmvd or less at 15% O₂ verified by an

initial compliance test in accordance with EPA Method 320 and procedures specified in 40 CFR 63.6620.

During periods of startup, owner/operator must minimize the engine's time spent at idle and minimize the engine's startup time 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.

[40 CFR 63.6650 (Table 2c to Part 63 subpart ZZZZ)]

3. These engines shall be fired on PUC quality natural gas only. O/o shall maintain a copy of a copy of the PUC quality natural gas fuel specifications used to fuel engines
[40 CFR 70.6 (a)(3)(B) - *Periodic Monitoring Requirements*] (*for Periodic Monitoring Requirements, see Part II and Part III conditions*)
[Rule 431 – *Sulfur Content of Fuels*]
4. Owner/Operator shall maintain an operating log of all inspections, repairs and maintenance for this equipment including;
 - a. 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)], and
 - b. 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 to its normal or usual manner of operation, and
 - c. Records of each instance in which the emission and operating limitations are not met. This log must be submitted to District, State or Federal personnel upon request. The log shall be kept for a minimum of five (5) years.
[40 CFR 70.6 (a)(3)(B) - *Periodic Monitoring Requirements*](*for Periodic Monitoring Requirements, see Part II and Part III conditions*)
[District Rule 1203(D)(1)(d)(ii)]
5. Owner/operator must include the following in the in the semi-annual compliance reports required by Part II, section B, Condition 5;
 - a. number, duration, and a brief description for each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded; and
 - b. a description of actions taken by the owner/operator during a malfunction to minimize emissions in accordance with §63.6605(b), including actions taken to correct a malfunction.
 - c. If there are no deviations from any emission or operating limitations that apply to P-1, P-2, P-3, and P-4, a statement that there were no deviations from the emission or operating limitations during the reporting period.

C. CONDITIONS APPLICABLE TO 755 BHP DIESEL FUELED PISTON TYPE
INTERNAL COMBUSTION ENGINE ELECTRICAL POWER GENERATOR (P-5)
MDAQMD PERMIT # B002660:

1. This existing, diesel engine, and any associated air pollution control equipment, shall be installed, operated, and maintained in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles, and in a manner consistent with safety and good air pollution control practices for minimizing emissions. 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 63.6605(a); 63.6605 (b); Rule 204 - *Permit Conditions*]
2. The equipment shall only be fired on Diesel fuel with sulfur content not exceeding 0.0015% (15 ppm) on a weight basis.
[Rule 431 – *Sulfur Content of Fuels*]
3. The IC engine shall be equipped with a non-resettable hour meter capable of totalizing the elapsed operating time of the engine to the nearest hour. The hour meter shall have a minimum range of 9,999 hours.
[17 CCR §93115(e)(4)(G)1; Rule 204 - *Permit Conditions*]
4. 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. Owner/operator shall either (1) limit the concentration of CO emissions to 23 ppmvd, or less, at 15% O₂ OR (2) reduce CO emissions by 70% or more.
[40 CFR 63.6600, Table 2c, No. 5]
5. Owner/operator shall demonstrate compliance with the above CO emission limit in accordance with the performance test methods and procedures specified below:
 - a. CO emissions for compliance tests shall be determined by using EPA Method 10.
 - b. Oxygen content for compliance tests shall be determined by using EPA Method 3/3A/3B.
 - c. Moisture content for compliance tests shall be determined by using EPA Method 4 or Method 320.
[40 CFR 63.6610, 63.6620, and 63.6640]
6. Owner/operator shall conduct subsequent performance tests every 8,760 hours or 3 years or whenever catalyst is changed, whichever comes first.
[40 CFR 63.6615]
7. Owner/operator shall install and maintain a Continuous Parameter Monitoring System (CPMS) to continuously monitor and record catalyst inlet temperature.
[40 CFR 63.6625(b), (g), (h); Table 6]
8. Owner/operator shall create and follow a site-specific monitoring plan that addresses the monitoring system design, data collection, and quality assurance and quality control

elements required by 40 CFR 63.6625(b)(1).
[40 CFR 63.6625(b)(1)]

9. Owner/operator shall measure the pressure drop across the catalyst once per month and demonstrate that the pressure drop across the catalyst is within the operating limit established by the most recent performance test.
[40 CFR 63.6625]
10. Owner/operator shall maintain the temperature of the exhaust so that the catalyst inlet temperature is greater than or equal to 450 degrees Fahrenheit (F) and less than or equal to 1350 degrees F.
[40 CFR 63.6600(d)]
11. The IC engine shall be equipped with a closed crankcase ventilation system.
[40 CFR 63.6625]
12. The exhaust from the IC engine shall be controlled by the Diesel Particulate Filter (DPF) at all times while the engine is operating. The particulate emission rate from the DPF shall not exceed 0.233 g/bhp-hr, verified by an initial compliance test performed not later than 60 days after the installation of the DPF.
[Rule 204 - *Permit Conditions*; 17 CCR 93115]
13. The DPF shall be equipped with a backpressure monitor that notifies the owner or operator when the high backpressure limit of the engine is approached.
[Rule 204 - *Permit Conditions*; 17 CCR 93115]
14. The o/o shall maintain an operations log for this unit current and on-site (or at a central location) for a minimum of five (5) years, and this log shall be provided to District, State and Federal personnel upon request. The log shall include, at a minimum, the information specified below:
 - a. Calendar year operation in terms of fuel consumption (in gallons) and total hours; and,
 - b. Fuel sulfur concentration (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log).
 - 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 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 (if any) and monitoring equipment to its normal or usual manner of operation, and
 - e. Records of each instance in which the emission and operating limitations are not met.
[63.6640 (b)]
[Rule 204 - *Permit Conditions*]
15. Owner/operator must include the following in the in the semi-annual compliance reports required by Part II, section B, Condition 5;

- a. number, duration, and a brief description for each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded; and
- b. a description of actions taken by the owner/operator during a malfunction to minimize emissions in accordance with §63.6605(b), including actions taken to correct a malfunction.
- c. If there are no deviations from any emission or operating limitations that apply to this unit, a statement that there were no deviations from the emission or operating limitations during the reporting period.
- d. If there were no periods during which the CPMS was out-of-control, as specified in 40 CFR 63.8(c)(7), a statement that there were no periods during which the CPMS was out-of-control during the reporting period.

D. CONDITIONS APPLICABLE TO GASOLINE DISPENSING FACILITY (non-retail),
MDAQMD PERMIT NUMBER N002572:

1. The toll-free telephone number that must be posted is 1-800-635-4617.
[Rule 461]
2. The owner/operator (o/o) shall maintain a log of all inspections, repairs, and maintenance on equipment subject to Rule 461. Such logs or records shall be maintained at the facility for at least two (2) years and shall be available to the District upon request.
[Rule 204]
3. Any modifications or changes to the piping or control fittings of the vapor recovery system requires prior approval from the District.
[Rule 204]
4. The gasoline vapor vent pipes are to be equipped with Husky 5885 pressure relief valves or as otherwise allowed by Executive Order (EO) VR-301.
[Rule 204; EO VR-301]
5. The o/o shall perform the following tests within 60 days of construction completion and annually thereafter in accord with the following test procedures:
 - a. Static Pressure Decay Test per CARB test method TP-201.3B (2-inch test);
 - b. Leak Rate and Cracking Pressure of Pressure/Vacuum Vent Valves per TP-201.1E;
 - c. Liquid Removal Test (if applicable) per TP-201.6, and
 - d. Emergency vents and manways shall be leak free when tested at the operating pressure of the tank in accordance with CARB test methods, as specified in Title 17, California Code of Regulations; per CARB Method 21.

The District shall be notified a minimum of 10 days prior to performing the required tests with the final results submitted to the District within 30 days of completion of the tests. The District shall receive passing test reports no later than six (6) weeks prior to the

expiration date of this permit.
[Rule 204]

6. The annual throughput of gasoline shall not exceed 500,000 gallons per year. Throughput Records shall be kept on site and available to District personnel upon request. Before this annual throughput can be increased the facility may be required to submit to the District a site specific Health Risk Assessment in accord with a District approved plan. In addition public notice and/or comment period may be required.
[Rule 204]
7. The o/o shall; install, maintain, and operate this equipment in compliance with CARB Executive Order G-70-116-F, with the exception of the exterior coating and P/V valve configuration, which shall be in accordance with EO VR-301. Additionally, hanging hardware must be replaced with VST Balance EVR type hanging hardware during routine equipment change outs.
[Rule 204]
8. Exterior coating and P/V valve retrofit shall occur no later than April 1, 2013; records of the retrofit shall be kept on site and available to State and District personnel upon request.
[Rule 204]
9. The California Air Resources Board (CARB) has established a timeline for Aboveground Storage Tanks (AST) Enhanced Vapor Recovery (EVR) system implementation. Pursuant to CARB requirements and State mandated retrofits, the o/o shall ensure that this tank meets all the applicable requirements within the designated timeframes. Prior to conducting any modifications, except standing loss retrofits, the o/o shall obtain a District approved Authority to Construct (ATC) Permit.
[Rule 204 - *Permit Conditions*]

E. CONDITIONS APPLICABLE TO 3500 GALLON WASTE OIL STORAGE TANK;
MDAQMD PERMIT # T002944:

1. This tank shall only be used for storing waste oil that comes from existing oily water separator.
[Rule 204 - *Permit Conditions*]
2. All information provided with the application is incorporated as conditions to construct and operate this equipment and this equipment shall be operated/maintained in strict accord with manufacturer/supplier recommendations and/or sound engineering principles.
[Rule 204 - *Permit Conditions*]

F. CONDITIONS APPLICABLE TO 7150 GALLON WASTE OIL STORAGE TANK;
MDAQMD PERMIT # T003303

1. This tank is limited to storing waste oil generated on-site by Pacific Gas & Electric.
[Rule 204 - *Permit Conditions*]
2. All flanges, seals, pumps and other appurtenant equipment shall be installed and maintained to prevent the loss of volatile fractions.
[Rule 204 - *Permit Conditions*]
3. Owner/Operator shall log all shipments of oil to other parties and the hauler of said oil. Additionally, this log shall contain the mass (or volume) and the date of the oil shipment.
[Rule 204 - *Permit Conditions*]

- G. RESERVED

- H. RESERVED

- I. RESERVED

- J. CONDITIONS APPLICABLE TO DIESEL IC ENGINE, EMERGENCY FIRE PUMP (FP-1); MDAQMD PERMIT #E009590:
 1. This equipment shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles, and in a manner consistent with safety and good air pollution control practices for minimizing emissions. 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 63.6605(a) and (b) and 63.6625(e)]
 2. This unit shall only be fired on diesel fuel whose sulfur concentration is less than or equal to 0.0015% or 15 ppm per CARB Diesel or equivalent requirements.
[Rule 204 - *Permit Conditions*]
 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 93115.10(d) and 40 CFR 63.6625(f)]
 4. The hour limit of Condition #5 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.
[17 CCR 93115.3(n)]

5. 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 20 hours per year for testing and maintenance, excluding compliance source testing. Time required for source testing will not be counted toward the 20 hour per year limit.
[17 CCR 93115.6(b)(3) and 40 CFR 63.6640(f)(ii)]

6. The o/o shall maintain a operations log for this unit current and on-site (or at a central location) for a minimum of three (3) 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 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).
[Rule 204 - *Permit Conditions*]

7. O/o shall:
 - a. Change oil and filter every 500 hours of operation or annually or perform an oil analysis as specified in 40 CFR 63.6225(i), whichever comes first;
 - b. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first;
 - c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary; and
 - d. 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)]

8. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (13 CCR 93115). In the event of conflict between these conditions and the ATCM, the requirements of the ATCM shall govern.
[District and State Only]
[Rule 204 - *Permit Conditions*]

- K. CONDITIONS APPLICABLE TO B-side ODORIZATION SYSTEM; MDAQMD PERMIT # B010503:
 1. Operation of this equipment shall be conducted in compliance with data and specifications submitted with the original District permit application.
[Rule 204 - *Permit Conditions*]

 2. Owner/Operator shall continuously monitor this system for leaks and comply with District

Rule 430, Breakdown Provisions.

[Rule 204 - *Permit Conditions*]

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

3. Owner/Operator shall operate/maintain this system in strict accord with manufacturer/supplier recommendations and/or sound engineering principles.
[Rule 204 - *Permit Conditions*]

L. CONDITIONS APPLICABLE TO A-side ODORIZATION SYSTEM; MDAQMD PERMIT # B010504:

1. Operation of this equipment shall be conducted in compliance with data and specifications submitted with the original District permit application.
[Rule 204 - *Permit Conditions*]
2. Owner/Operator shall continuously monitor this system for leaks and comply with District Rule 430, Breakdown Provisions.
[Rule 204 - *Permit Conditions*]
[SIP Pending: Rule 430 - *Breakdown Provisions*]
3. Owner/Operator shall operate/maintain this system in strict accord with manufacturer/supplier recommendations and/or sound engineering principles.
[Rule 204 - *Permit Conditions*]

M. CONDITIONS APPLICABLE TO Transwestern NATURAL GAS ODORANT STORAGE & INJECTION SYSTEM; MDAQMD PERMIT # T011434:

1. Operation of this equipment shall be conducted in compliance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
[Rule 204 - *Permit Conditions*]
2. This equipment shall be properly maintained and kept in good operating condition at all times
[Rule 204 - *Permit Conditions*]
3. This tank shall not be filled to greater than 90% of its maximum capacity (to allow for expansion within tank.)
[Rule 204 - *Permit Conditions*]
4. The odorant tank and the delivery truck used to fill the odorant tank must be equipped with a Two Point Phase I type vapor recovery system.
[Rule 1303 – *BACT*]

5. A Two Point Phase I type vapor recovery system must be utilized whenever the odorant tank is being filled.
[Rule 1303 – BACT]

6. A closed loop system shall be used to ensure that odorant discharged to the atmosphere is minimized during equipment maintenance.
[Rule 1303 – *BACT*]

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 to determine whether cause exists for modifying, revoking and reissuing, terminating, or determining compliance with the Federal Operating Permit.
[40 CFR 70.6(a)(6)(v); Rule 1203(D)(1)(f)(vii)]
8. Owner/Operator shall furnish to qualified District, CARB or EPA personnel, upon request, copies of any records required to be kept pursuant to condition(s) of this Federal Operating Permit.

[40 CFR 70.6(a)(6)(v); 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. This facility is not subject to 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]
23. Owner/operator desiring to renew this Federal Operating Permit shall submit an application for renewal at least six (6) months, but no earlier than eighteen (18) months, prior to the expiration date of this Federal Operating Permit.
[40 CFR 70, Rule 1202(B)(3)(b)]

PART V OPERATIONAL FLEXIBILITY

ALTERNATIVE OPERATING SCENARIO(S):

- A. OFF PERMIT CHANGES
- I. Permittee may make a proposed change to equipment covered by this permit that is not expressly allowed or prohibited by this permit if:
- A. Permittee has applied for and obtained all permits and approvals required by MDAQMD Regulation II and Regulation XII unless the equipment involved in the change is exempt from obtaining such permits and approvals pursuant to the provisions of Rule 219; and
1. The proposed change is not:
 - a. Subject to any requirements under Title IV of the Federal Clean Air Act; or *[See 1203(E)(1)(c)(i)(b)2.]*
 - 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)(b)2.]*
 - d. The change does not violate any Federal, State or Local requirement, including an applicable requirement; and *[See 1203(E)(1)(c)(i)(b)1.]*
 - 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)(b)3.]*
- II. Procedure for “Off Permit” Changes
- A. If a proposed “Off Permit Change” qualifies under Part V, Section (B)(I)(A)(1) above, permittee shall implement the change as follows:
1. Permittee shall apply for an Authority To Construct permit pursuant to the provisions of Regulation II. *[See 1203(E)(1)(c)(i)b.]*
 2. In addition to the information required pursuant to the provisions of Regulation II and Regulation XIII such application shall include:
 - a. A notification that this application is also an application for an “Off Permit” Change pursuant to this condition; and *[See 1203(E)(1)(c)(i)b.]*
 - b. A list of any new Applicable Requirements which would apply as a result of the change; and *[See 1203(E)(1)(c)(i)b.]*
 - c. A list of any existing Applicable Requirements, which would cease to apply as a result of the change. *[See 1203(E)(1)(c)(i)c.]*
 3. Permittee shall forward a copy of the application and notification to USEPA upon submitting it to the District. *[See 1203(E)(1)(c)(i)a.]*
- B. Permittee may make the proposed change upon receipt from the District of the Authority to Construct Permit or thirty (30) days after forwarding the copy of the notice and application to USEPA whichever occurs later. *[See 1203(E)(1)(c)(i)a.]*

and g.]

- C. Permittee shall attach a copy of the Authority to Construct Permit and any subsequent Permit to Operate, which evidences the Off Permit Change to this Title V permit. *[See 1203(E)(1)(c)(i)f.]*
 - D. Permittee shall include each Off-Permit Change made during the term of the permit in any renewal application submitted pursuant to Rule 1202(B)(3)(b). *[See 1203(E)(1)(c)(i)f.]*
- III. Other Requirements:
- A. The provisions of Rule 1205 – Modifications do not apply to an Off Permit Change made pursuant to this condition.
 - B. The provisions of Rule 1203(G) – Permit Shield do not apply to an Off Permit Change made pursuant to this condition. *[See 40 CFR 70.4(b)(i)(B)]*
[Rule 1203(E)(1)(c)]

PART VI CONVENTIONS, ABBREVIATIONS, DEFINITIONS

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

40CFR60, Standards of Performance for New Stationary Sources (NSPS)
40CFR60, Appendix F, Quality Assurance Procedures
40CFR61, National Emission Standards for Hazardous Air Pollutants (NESHAPS)
40CFR61, Subpart M, National Emission Standards for Asbestos
40CFR72, Permits Regulation (Acid Rain Program)
40CFR73, Sulfur Dioxide Allowance System
40CFR75, Continuous Emission Monitoring
40CFR75, Subpart D, Missing Data Substitution Procedures
40CFR75, Appendix B, Quality Assurance and Quality Control Procedures
40CFR75, Appendix C, Missing Data Estimating Procedures
40CFR75, Appendix D, Optional SO₂ Emissions Data Protocol
40CFR75, Appendix F, Conversion Procedures
40CFR75, Appendix G, Determination of CO₂ Emissions

B. Other conventions:

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

C. Abbreviations used in this permit are as follows:

CFR	Code of Federal Regulations
APCO	Air Pollution Control Officer
bhp	brake horse power
Btu	British thermal units
CCR	California Code of Regulations
CEMS	continuous emissions monitoring system
CO	carbon monoxide
CO ₂	carbon dioxide
District	Mojave Desert Air Quality Management District (formed July 1993)
MDAQMD	Mojave Desert Air Quality Management District (formed July 1993)
MD	Mojave Desert Air Quality Management District (formed July 1993)
SB	San Bernardino County APCD (1975 to formation of MDAQMD)
gr/dscf	grains per dry standard cubic foot
gpm	gallons per minute
gph	gallons per hour
hp	horse power
H&SC	California Health and Safety Code
lb	pounds
lb / hr	pounds per hour
lb / MM Btu	pounds per million British thermal units
MM Btu	million British thermal units

MM Btu/hr	million British thermal units per hour
MW	Megawatt electrical power
MW(e) net	net Megawatt electrical power
NH ₃	ammonia
NMOC	non-methane organic compounds
NO _x	oxides of nitrogen
NO ₂	nitrogen dioxide
O ₂	oxygen
pH	pH (acidity measure of solution)
PM ₁₀	particulate matter less than 10 microns aerodynamic diameter
ppmv	parts per million by volume
psig	pounds per square inch gauge pressure
QA	quality assurance
rpm	revolutions per minute
RVP	Reid vapor pressure
SCAQMD	South Coast Air Quality Management District
scfm	standard cubic feet per minute
scfh	standard cubic feet per hour
SIC	Standard Industrial Classification
SIP	State of California Implementation Plan
SO _x	oxides of sulfur
SO ₂	sulfur dioxide
tpy	tons per year
TVP	true vapor pressure

D. State Implementation Plan (SIP) Table:

The SIP Table contains the origin and authority for each federally applicable requirement found in the Title V permit.

District Rule	Title	SIP Rule Version	Citation	Federally Enforceable	Notes
203	<i>Permit to Operate</i>	1/7/77	[SIP: Approved 11/9/78, 43 FR 52237, 40 CFR 52.220(c)(39)(ii)(B) and 40 CFR 52.220(c)(31)(vi)(C)]	Y	
204	<i>Permit Conditions</i>	1/9/76	[SIP: Approved 11/9/78, 43 FR 52237, 40 CFR 52.220(c)(39)(ii)(B) and 40 CFR 52.220(c)(31)(vi)(C)]	Y	
206	<i>Posting of Permit to Operate</i>	1/9/76	[SIP: Approved 11/9/78, 43 FR 52237, 40 CFR 52.220(c)(39)(ii)(B) and 40 CFR 52.220(c)(31)(vi)(C)]	Y	
207	<i>Altering or Falsifying of Permit</i>	1/9/76	[SIP: Approved 11/09/78, 43 FR 52237, 40 CFR 52.220(c)(39)(ii)(B) and 52.220(c)(31)(vi)(C)]	Y	
209	<i>Transfer and Voiding of Permit</i>	1/9/76	[SIP: Approved 11/9/78, 43 FR 52237, 40 CFR 52.220(c)(39)(ii)(B) and 40 CFR 52.220(c)(31)(vi)(C)]	Y	
217	<i>Provision for Sampling And Testing Facilities</i>	1/9/76	[SIP: Approved 11/9/78, 43 FR 52237, 40 CFR 52.220(c)(39)(ii)(B) and 40 CFR 52.220(c)(31)(vi)(C)]	Y	
219	<i>Equipment Not Requiring a Written Permit</i>	SB - 6/6/77 RC - 9/4/81	SB - [SIP: Approved 11/9/78, 43 FR, 52237, 40 CFR 52.220(c)(31)(vi)(C), 40 CFR 52.220(c)(32)(iv)(C), and 40 CFR	Y	

District Rule	Title	SIP Rule Version	Citation	Federally Enforceable	Notes
			52.220(c)(39)(ii)(B)] RC - [SIP: Approved 7/6/82, 47 FR 29231, 40 CFR 52.220(c)(103)(xviii)(A)]		
221	<i>Federal Operating Permit Requirement</i>	12/21/94	[SIP: Approved 2/5/96, 61 FR 4217, 40 CFR 52.220(c)(216)(i)(A)(2)]	Y	
301	<i>Permit Fees</i>	Not in SIP	Applicable Version = Most current amendment, Applicable via Title V Program interim approval 02/05/96 61 FR 4217	Y	Rule 301 is a fee rule and does not ordinarily require submission to USEPA. Various prior versions of Rule 301 were previously included in the State Implementation Plan (SIP) however USEPA removed this rule from the SIP on 01/18/02 (67 FR 2573; 40 CFR 52.220(c)(39)(iv)(C)). Therefore, this rule is not required to be a federal submittal.
312	<i>Fees for Federal Operating Permits</i>	Not in SIP	Applicable Version = Amended: 12/21/94, Applicable via Title V Program interim approval 02/05/96 61 FR 4217	Y	
401	<i>Visible Emissions</i>	SB - 7/25/1977R C - 2/4/1977 (subdivision (a)) RC - 10/15/82 (subdivision	SB - [SIP: Approved 9/8/78, 43 FR 4001, 40 CFR 52.220(c)(39)(ii)(C)] RC (a) - [SIP: Approved 9/8/78, 43 FR 40011, 40 CFR	Y	

District Rule	Title	SIP Rule Version	Citation	Federally Enforceable	Notes
		(b)	52.220(c)(39)(iv)(C)]RC (b) - [SIP: Approved 10/19/84, 49 FR 41028, 40 CFR 52.220(c)(127)(vii)(C)]		
403	<i>Fugitive Dust</i>	SB - 7/25/1977 RC - 7/25/1977	SB - [SIP: Approved 9/8/78, 43 FR 4001, 40 CFR 52.220(c)(39)(ii)(B)] RC - [SIP: Approved 9/8/78, 43 FR 40011, 40 CFR 52.220(c)(39)(iv)(C)]	Y	
403.2	<i>Fugitive Dust Control for the Mojave Desert Planning Area</i>	N/A	SIP Pending: as amended 07/22/1996 and submitted 10/18/1996	?	
404	<i>Particulate Matter Concentration</i>		[SIP: Approved 12/21/78, 43 FR 59489, 40 CFR 52.220(c)(42)(xiii)(A)]	Y	
405	<i>Solid Particulate Matter, Weight</i>		[SIP: Approved 12/21/78, 43 FR 59489, 40 CFR 52.220(c)(42)(xiii)(A); Approved 6/14/78, 43 FR 25684, 40 CFR 52.220(c)(32)(iv)(A)]	Y	
406	<i>Specific Contaminants</i>	SB - 7/25/1977 (subdivision (a)) RC - None	SB - [SIP: Approved, 12/21/78, 43 FR 59489, 40 CFR 52.220(c)(42)(xiii)(A)]	Y	
407	<i>Liquid and Gaseous Air Contaminants</i>	5/7/76	SB - [SIP: Approved 9/8/78, 43 FR 40011; 40 CFR 52.220(c)(39)(ii)(C)] RC - [Approved 6/14/78,	Y	

District Rule	Title	SIP Rule Version	Citation	Federally Enforceable	Notes
			43 FR 25684, 40 CFR 52.220(c)(32)(iv)(A)]		
408	<i>Circumvention</i>	5/7/76	[SIP: Approved 9/8/78, 43 FR 40011; 40 CFR 52.220(c)(39)(ii)(C); Approved 6/14/78, 43 FR 25684, 40 CFR 52.220(c)(32)(iv)(A)]	Y	
409	<i>Combustion Contaminants</i>	5/7/76	[SIP: Approved 9/8/78; 43 FR 40011; 40 CFR 52.220(c)(39)(ii)(C); Approved 6/14/78, 43 FR 25684, 40 CFR 52.220(c)(32)(iv)(A)]	Y	
430	<i>Breakdown Provisions</i>	Not in SIP	Applicable Version = Amended: 12/21/94, Applicable via Title V Program interim approval 02/05/96 61 FR 4217	Y	
431	<i>Sulfur Content of Fuels</i>	SB - 10/8/1976 RC - ?	SB - [SIP: Approved 9/8/1978, 43 FR 40011, 40 CFR 52.220(c)(37)(i)(B) and 40 CFR 52.220(c)(39)(ii)(B) RC - [SIP: Approved 9/8/1978, 43 FR 40011, 40 CFR 52.220(c)(37)(i)(C), 40 CFR 52.220(c)(39)(iv)(C), and 40 CFR 52.220(c)(39)(vi)(B)	Y	
441	<i>Research Operations</i>		SIP: Not SIP: District Rule 441 – Research	N	

District Rule	Title	SIP Rule Version	Citation	Federally Enforceable	Notes
			<i>Operations</i> Disapproved 1/16/81 and 40 CFR 52.272(a)(9)(i)]		
442	<i>Usage of Solvents</i>	2/27/06	[SIP: Approved 09/17/2007, 72 FR 52791, 40 CFR 52.220(c)(347)(i)(C)(1)]	Y	
444	<i>Open Outdoor Fires</i>	9/25/06	[SIP: Approved 10/31/2007, 72 FR 61525, 40 CFR 52.220(c)(350)(B)(1)]	Y	
1104	<i>Organic Solvent Degreasing Operations</i>	9/28/94	[SIP: Approved: 4/30/96, 61 FR 18962, 40 CFR 52.220(c)(207)(I)(D)(2)]	Y	
1113	<i>Architectural Coatings</i>	4/23/12	[SIP: Approved: 1/03/14, 79 FR 364, 40 CFR 52.220(c)(428)(i)(C)]	Y	
1114	<i>Wood Products Coating Operations</i>	11/25/96	[SIP: Approved: 08/18/98, 63 FR 44132, 40 CFR 52.220(c)(244)(i)(C); Approved 61 FR 18962, 04/30/96]	Y	
1115	<i>Metal Parts and Products Coating Operations</i>	4/22/96	[SIP: Approved 12/23/97, 62 FR 67002, 40 CFR 52.220(c)(239)(i)(A)(2)]	Y	
1116	<i>Automotive Finishing Operations</i>	8/23/10	[SIP: Approved 8/9/12, 77 FR 47536, 40 CFR 52.220(c)(388)(i)(F)(1)]	Y	
1302	<i>NSR - Procedure</i>	3/25/96	[SIP: Approved 11/13/1996, 61 FR 58133, 40 CFR 52.220(c)(239)(i)(A)(1)]	Y	
Regulation XII	<i>Federal Operating Permits</i>		SIP: Not SIP. Final Title V Program Approval 11/21/03 68 FR 65637; Partial Withdrawal of approval 10/15/02 67 FR 63551; Notice of Deficiency 05/22/02 67		

MDAQMD Federal Operating Permit
Pacific Gas & Electric Company - Topock Compressor Station
Permit Number: 1500039

District Rule	Title	SIP Rule Version	Citation	Federally Enforceable	Notes
			FR 35990; Approval 12/17/01 66 FR 63503; Interim Approval 02/05/96 61 FR 4217]		