



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

PERMIT TO OPERATE

B003302

Operation under this permit must be conducted in compliance with all information included with the initial application, initial permit condition, and conditions contained herein. The equipment must be maintained and kept in good operating condition at all times. This Permit to Operate or copy must be posted on or within 8 meters of equipment. If a copy is posted, the original must be maintained on site, available for inspection at all times.

EXPIRES LAST DAY OF: AUGUST 2025

OWNER OF OPERATOR (Co.#15)

Pacific Gas & Electric/Air Permits
PO Box 28150
Oakland, CA 94604-8150

EQUIPMENT LOCATION (Fac.#39)

PG&E - Topock Compressor Station
145453 National Trails Highway
Needles, CA 92363

Description:

NATURAL GAS IC ENGINES consisting of: Four Ingersoll-Rand 8 cylinder IC engines powering generator, serial numbers (8APS1061951 (P-1), 8APS1071951 (P-2), 8APS1081951 (P-3), and 8APS1411953 (P-4)), each consisting of the following:

One Ingersoll-Rand, NG fired internal combustion engine Model No. PSVG and Serial No. see above, Four-Stroke Rich Burn, producing 490 bhp with 8 cylinders at rpm while consuming a maximum of 4241 scf/hr. This equipment powers an Ingersoll-Rand Generator Model No. TBD and Serial No. TBD, rated at TBD.

CONDITIONS:

1. This existing, natural gas engine, 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.

[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 40 CFR 63, subpart ZZZZ)]

Fee Schedule: 1 (d)

Rating: 1960 bhp

SIC: 4939

SCC: 20200202

Location/UTM(Km): 730E/3844N

This permit does not authorize the emission of air contaminants in excess of those allowed by law, including Division 26 of the Health and Safety Code of the State of California and the Rules and Regulations of the District. This permit cannot be construed as permission to violate existing laws, ordinances, statutes or regulations of this or other governmental agencies. This permit must be renewed by the expiration date above. If billing for renewal fee required by Rule 301(c) is not received by expiration date above, please contact the District.

Pacific Gas & Electric/Air Permits
PO Box 28150
Oakland, CA 94604-8150

By: **COPY**
Brad Poiriez
Air Pollution Control Officer

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 this facility Federal Operating Permit-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.