



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B008024

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: AUGUST 2002

OWNER OF OPERATOR (Co.#15)

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

EQUIPMENT LOCATION (Fac.#535)

PG&E - Hinkley Compressor Station
35863 Fairview Road
Hinkley, CA 92347

Description:

IC ENGINE COMPRESSOR, NATURAL GAS consisting of:

One Waukesha, NG fired internal combustion engine Model No. L7042GSI and Serial No. tbd, Direct Injected, Turbo Charged, producing 1478 bhp with 12 cylinders at 1200 rpm while consuming a maximum of 11.0 scf/hr. This equipment powers a Powertherm Compressor Model No. MCS-453021x2-xx-122 and Serial No. tbd, rated at .

EMISSIONS RATES

| Emission Type | Est. Max Load | Unit |
|---------------|---------------|-----------|
| CO | 0.6 | gm/bhp-hr |
| NOx | 0.15 | gm/bhp-hr |
| PM10 | 0.07 | gm/bhp-hr |
| SOx | 0.0025 | gm/bhp-hr |
| VOC | 0.15 | gm/bhp-hr |

CONDITIONS:

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.

Fee Schedule: 1 (d)

Rating: 1478 bhp

SIC: 4939

SCC: 20200202

Location/UTM(Km):
485E/3862N

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.

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By: **COPY**
Eldon Heaston
Air Pollution Control Officer

2. 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.
3. This equipment shall not be operated without venting through its properly operating non selective catalytic reduction system.
4. Emissions from this equipment to the atmosphere shall not exceed the following emission limits:
 - a. Hourly rates, verified by annual compliance tests:
 - i. NOx as NO2 - 0.489 lb/hr (averaged over one hour)
 - ii. VOC as CH4 - 0.489 lb/hr
 - iii. PM10 - 0.232 lb/hr
 - iv. SOx - 0.008 lb/hr
 - iv. CO - 1.955 lb/hr
 - b. Annual rates, based on a rolling 12 month summary, verified by fuel use and annual compliance tests:
 - i. NOx - 4282 pounds/year
 - ii. VOC - 4282 pounds/year
 - iii. SOx - 71 pounds/year
 - iv. PM10 - 2029 pounds/year
 - v. CO - 9 tons/year
5. Fuel consumption shall be monitored using a continuous monitoring system. The operator shall install, calibrate, maintain and operate this monitoring system according to a District-approved monitoring plan, and it shall be installed prior to initial equipment startup.
6. The o/o shall perform the following compliance tests each year beginning in 2001 in accordance with the MDAQMD Compliance Test Procedural Manual. The test report shall be submitted to the District no later than six weeks prior to the expiration date of this permit. The following compliance tests are required:
 - a. NOx as NO2 in lb/hr (measured per USEPA Reference Methods 19 and 20)
 - b. VOC as CH4 in lb/hr (measured per USEPA Reference Methods 25A and 18)
 - c. CO in lb/hr (measured per USEPA Reference Method 10)
 - d. PM10 in lb/hr (measured per USEPA Reference Methods 5 and 202 or CARB Method 5)
7. The o/o shall maintain a log for this equipment which, at a minimum, contains the information specified below. This log shall be maintained current and on-site for a minimum of five (5) years and shall be provided to District personnel on request:
 - a. Fuel consumption.
8. The owner/operator must surrender to the District sufficient Emission Reduction Credits for this equipment before the start of construction. In accordance with Regulation XIII the operator shall obtain 5,566 pounds of NOx, 5,566 pounds of VOC and 2029 pounds of PM10 offsets (NOx offsets may be substituted for VOC offsets at a rate of 1.6:1 and for PM10 offsets at a rate of 2:1).