MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT
14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

RENEWAL

E011976

Renewal type Permit has no description information.

EXPIRES LAST DAY OF: NOVEMBER 2026

OWNER OF OPERATOR (Co.#84)

NTC - Public Works
Bldg 602, 5th Street
Fort Irwin, CA 92310

EQUIPMENT LOCATION (Fac.#3280)

NTC Public Works and Building Maintenance
AFZJ-PW-EV, Bldg 602
Fort Irwin, CA 92310

Description:
DIESEL IC ENGINE, PORTABLE EMERGENCY GENERATOR (STORED AT BLDG 367) consisting of: A certified Interim Tier 4 diesel engine, EPA Family CMVXL03.3AAC, manufactured in 2013 with no exhaust after-treatment device installed. Exhaust flow is 407 CFM at 1112 degrees F:

One Mitsubishi, Diesel fired internal combustion engine Model No. S4S-Y3DT61SD and Serial No. S4S-235901, Compression-Ignited, Direct Injected, Turbo Charged, producing 59 bhp with 4 cylinders at 1800 rpm while consuming a maximum of 3.3 gal/hr. This equipment powers a Kohler Generator Model No. 40REOZT and Serial No. 40REOZT12010026, rated at 40 kW(e).

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.89	gm/bhp-hr
NOx	2.98	gm/bhp-hr
PM10	0.19	gm/bhp-hr
SOx	0.005	gm/bhp-hr
VOC	0.15	gm/bhp-hr

CONDITIONS:

1. This equipment shall be installed, operated and maintained in strict accordance with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of contaminants. Unless otherwise

Fee Schedule: 7 (g) | Rating: 1 device | SIC: 7349 | SCC: 20100102 | Location/UTM(Km): 511E/3861N

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.

NTC - Public Works
Attn: Air Resources Manager

Fort Irwin, CA 92310

By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.
[District Rule 204]

2. This diesel engine and its associated equipment cannot be operated at the same engine-print (spot) for more than 365 consecutive days. (This engine must be moved within this facility or moved to another facility at least once a year for a valid operational reason.)
[Title 17 CCR 93116.2(a)(29)]

3. 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.
[Title 17 CCR 93116.3(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.
[Title 17 CCR 93116.4(C)(2)]

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 50 hours per year for testing and maintenance, excluding compliance source testing.
[Title 17 CCR 93116.2(a)(12), District Rule 204]

6. This engine shall not be operated for Non-Emergency reasons (maintenance, testing, source testing) when it is located within 1,000 feet of any K-12 school when school children are present.
[District Rule 204]

7. The owner/operator (o/o) shall maintain an 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 this log shall be provided to District and State personnel upon request. The log shall include, at a minimum, the following information:
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) or 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).
[Title 17 CCR 93116.4(c)(2),District Rule 204]

8. Portable diesel-fueled engines used exclusively in emergency applications shall satisfy one of the following requirements by January 1, 2020:
(a) the portable diesel-fueled engine is certified to Tier 4 emission standards for newly manufactured nonroad engines; or
(b) the portable diesel-fueled engine is equipped with a properly functioning level-3 verified technology; or
(c) the portable diesel-fueled engine is equipped with a combination of verified emission control strategies that have been verified together to achieve at least 85% reduction in diesel PM emissions.
[Title 17 CCR 93116.3(b)(3)]

9. The o/o of this engine must submit a Statement of Compliance signed by the Responsible Official that the fleet standards are being achieved and a summary that identifies each portable engine in the fleet and the associated emission rate (g/bhp-hr) and other required information, see Title 17 CCR 93116.4(e)(2), (3), (4), (5), (6) and (7) for the following compliance statement submittal dates:

// Fleet DPM Emission Average Date // Date Report is Due
January 1, 2017 // March 1, 2017
January 1, 2020 // March 1, 2020
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===
Note: portable diesel-fueled engines used exclusively in emergency applications shall be excluded from the fleet average calculations, but must be included as part of each compliance report.
[Title 17 CCR 93116.4(e)(3)]

10. This unit is subject to the requirements of the Airborne Toxic Control Measure For Diesel Particulate Matter From Portable Engines Rated At 50 Horsepower and Greater (Title 17 CCR 93116). In the event of conflict between these conditions and the ATCM, the more stringent shall govern.
[Title 17 CCR 93116, District Rule 204]