



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B010526

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: SEPTEMBER 2011

OWNER OF OPERATOR (Co. #1584)

ComAV Technical Services LLC
18438 Readiness Street
Victorville, CA 92394

EQUIPMENT LOCATION (Fac. #2675)

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Description:

DIESEL IC ENGINE, GENERATOR consisting of: Year of Manufacture: 2001; This is a Tier 1 Engine. -

One Perkins, Diesel fired internal combustion engine Model No. D30P2S and Serial No. SNOL00000JNP F00776, Direct Injected, producing 71 bhp with 4 cylinders at 1800 rpm while consuming a maximum of. This equipment powers an Olympian Generator Model No. and Serial No., rated at 30 kva.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	4.106	gm/bhp-hr
NOx	5.625	gm/bhp-hr
PM10	1.025	gm/bhp-hr
SOx	0.0055	gm/bhp-hr
TOG	1.296	gm/bhp-hr

CONDITIONS:

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

Fee Schedule: 1 (b)

Rating: 71 bhp

SIC: 4581

SCC: 20200102

Location/UTM(Km): 473E/3820N

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**
Brad Poiriez
Air Pollution Control Officer

2.This unit shall only be fired on ultra-low sulfur diesel fuel, whose sulfur concentration is less than or equal to 0.0015% (15) on a weight per weight basis per CARB Diesel or equivalent requirements. [Title 17 CCR 93115.5(a)]

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 \S93115(e)(4)(G)1.)

4.This equipment shall not operate more than 7 hours per any 24 hour period (one-day).

5.This equipment shall not operate more than 395 hours per year, defined as a calendar year.

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. Calendar year operation in terms of fuel consumption (in gallons) and total hours; and,
- c. Fuel sulfur concentration (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log).

7.The Diesel Particulate Matter emission from this diesel ICE must comply with one of the three following options by the appropriate compliance date in either Conditions 9 or 11:

Option 1. 85% reduction in emissions from baseline levels.

Option 2. 0.01 g/bhp hr.

(Title 17 CCR \S93115.7(b)1. - See Table #4)

8.The hydrocarbon (HC), oxides of nitrogen (NOX), non-methane hydrocarbons plus NOX (NMHC+NOx) and carbon monoxide (CO) emissions from this diesel ICE must comply with one of the three following options by the appropriate compliance date in either condition 9 or 11:

Option 1. Use verified emission control strategy.

Option 2. Emissions standards for off-road engines of the same model year and rated power as specified in 13 CCR \S2423 or "Tier 1" standards if no such standards exist.

Option 3. No more than 10% increase in HC or NOx from baseline or no increase in NMHC+NOx from baseline AND no more than 10% increase in CO from baseline. (Title 17 CCR \S93115.7(b)2. - See Table #4)

9.Since this equipment is remotely located (more than 1 mile from another receptor) and the prioritization score is less than 1.0 and/or the cancer risk is less than 1.0 in a million and the hazard index is less than 0.1 the equipment must comply with Conditions 7 & 8 on or before January 1, 2011. (Title 17 CCR \S93115.3(p))

10.The o/o must notify the District within five (5) days after becoming aware that the exemption in Condition 9 no longer applies. [Title 17 CCR 93115.10(d)(1)]

11.The o/o of this equipment shall demonstrate compliance with the requirements of Conditions 7 and 8 within 180 days of notifying the District or notification from the District of the loss of the exemption of Condition 9 no longer applies. [Title 17 CCR 93115.10(d)(1)(A)]

12.The o/o must submit the required control strategy to the District for compliance with emissions limitation 6 months prior to the appropriate compliance date(s) in either Conditions 9 or 11 for the engine. ([Title 17 CCR 93115.10(a)(4)]

13.The o/o must submit the required emissions data to the District prior to appropriate compliance dates(s) in either Condition 9 or 11 for the engine. ([Title 17 CCR 93115.10(c)(2)]

14.Install backpressure monitor if engine is equipped with diesel PM filter (17 CCR \S93115(e)(4)(G)2.).

15.This genset is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (17 CCR 93115). In the event of conflict between these conditions and the ATCM, the requirements of the ATCM shall govern.