



**MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT**

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

**INACTIVE**

B011193

Inactive type Permit has no description information.

**EXPIRES LAST DAY OF: SEPTEMBER 2014**

**OWNER OF OPERATOR (Co.#746)**

Blythe, City of  
440 S Main Street  
Blythe, CA 92225

**EQUIPMENT LOCATION (Fac.#1542)**

Blythe, City of - Dept of Public Works  
440 S Main Street  
Blythe, CA 92225

**Description:**

DIESEL IC ENGINE, PORTABLE WATER PUMP consisting of: Year of Mfg. Unknown; USEPA Tier II; USEPA Engine Family Name U-R-013-0169; CARB EO Unknown, Certified Diesel PM emission rate 0.30 g/Kw-hr

One Deutz, Diesel fired internal combustion engine Model No. 10280645 and Serial No. Unknown, Direct Injected, Turbo Charged, After Cooled, producing 138 bhp with 4 cylinders at 2500 rpm while consuming a maximum of 35.0 lbs/hr. This equipment powers a Giant Pump Model No. GP145 and Serial No. NULL, rated at 50 GPM.

**EMISSIONS RATES**

Emission Type	Est. Max Load	Unit
CO	0.6	other
NOx	6.0	other
PM10	0.06	other

**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.

[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]

Fee Schedule: 1 (b)

Rating: 138 bhp

SIC: 9199

SCC: 20200102

Location/UTM(Km):  
725E/3273N

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.

Blythe, City of  
235 N Broadway  
Blythe, CA 92225

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

2. This diesel ICE and its associated equipment cannot be operated at the same footprint (spot) for more than 365 consecutive days. (This system must be moved within this facility or moved to another facility annually.)

[Title 17 CCR, Section 93116]

[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. 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; or alternative diesel fuel or CARB diesel fuel utilizing fuel additives that has been verified through the Verification Procedure for In-Use Strategies to Control Emissions from Diesel Engines.

[Title 17 CCR, Section 93116.5 (a)]

[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]

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 Section 93116.4(c)(2)(A)]

[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]

5. This portable diesel-fueled engine (unit) shall be certified to meet a federal or California standard for newly manufactured nonroad engines pursuant to 40 CFR Part 89 or Title 13 CCR Section 2423 (that is, certified to Tier 1, 2, or 3 nonroad engine standards). Otherwise, use this portable diesel-fueled engine exclusively in emergency applications or portable diesel-fueled engine that qualify as low-use engine (operates 80 hours or less per calendar year) and commit to replacing this engine with a Tier 4 engine. [Title 17 CCR 93116.4(e)]

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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 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. Date of each use and duration of each use (in hours);

b. Reason for use (Regular 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). [Title 13 CCR 93116.4(c)]

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7. The fleet under control of this o/o is subject to and shall comply with the weighted PM emission fleet averages expressed as grams per brake horsepower-hour (g/bhp-hr) by the listed compliance dates in Title 17 CCR Section 93116.3(c).

Fleet Standard Compliance;

Date Engines <175 bhp Engines >175 to 749 bhp Engines >750 bhp

(g/bhp-hr) (g/bhp-hr) (g/bhp-hr)

1/1/2013 0.3 0.15 0.25

1/1/2017 0.18 0.08 0.08

1/1/2020 0.04 0.02 0.02

Fleet is defined in Title 17 CCR Section 93116.2(16). Engines designated as low use or emergency are not subject to the fleet requirements (93116.3 (c)(3)).

[Title 17 Section 93116.3 - Requirements]

[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]

8. The o/o of this unit 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:

Weighted DPM Emission Fleet Average Date Submit by

January 1, 2013 March 1, 2013

January 1, 2017 March 1, 2017

January 1, 2020 March 1, 2020

[Title 17 CCR, Section 93116.3(c) - Requirements]

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9. The o/o of fleets that are exempted from the requirements of section 93116.4 pursuant to section 93116.4 (a), the Responsible Official shall certify that all portable diesel-fueled engines in the fleet satisfy the requirements of section 93116.4(a). See Title 17 CCR 93116.4(f) for details.

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10. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Portable Compression Ignition Engines (Title 17 CCR 93116). In the event of conflict between these conditions and the ATCM, the more stringent requirements shall govern.

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11. This portable equipment shall not be operated and/or located with 1,000 feet of a public or private school (kindergarten through 12th grade) of more than 12 students for more than 45 consecutive days without completing the notification required by Health and Safety Code \S 42301.6.

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12. This portable engine shall not operate more than 18 hours in any single day (consecutive 24 hour period).

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