



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

INACTIVE

B009466

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: APRIL 2022

OWNER OF OPERATOR (Co.#118)

Mitsubishi Cement Corporation
5808 State Highway 18
Lucerne Valley, CA 92356

EQUIPMENT LOCATION (Fac.#1)

Mitsubishi Cement - Cushenbury Plant
5808 Highway 18
Lucerne Valley, CA 92356

Description:

DIESEL IC ENGINE, PORTABLE WELDER (725-053) consisting of: Year of Manufacturer 2003, Tier 1, USEPA Family 3PKXL04.2AR1. ENGINE SHUTDOWN CONCURRENT WITH PERMIT ACTION FOR NEW DIESEL ENGINE B014326.

One Perkins, Diesel fired internal combustion engine Model No. 2049/1700 and Serial No. 588264, producing 71 bhp with 4 cylinders at 1700 rpm while consuming a maximum of 4.0 gal/hr. This equipment powers a Lincoln Welder Model No. K1278-5 and Serial No. C1031200200, rated at 400 amp.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.102	lbs/gal
NOx	8.36	gm/Kw-hr
NOx+NMHC	8.8	gm/Kw-hr
PM10	0.2650	gm/bhp-hr
SOx	0.005	gm/bhp-hr
VOC	0.44	gm/Kw-hr

CONDITIONS:

1. Owner/Operator shall ensure this equipment complies with applicable Title V Part II and Part III conditions. [40 CFR 70.6 (a)(3)(B) - Periodic Monitoring Requirements]

Fee Schedule: 1 (b)

Rating: 71 bhp

SIC: 3241

SCC: 20200102

Location/UTM(Km):
514E/3802N

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 in a manner consistent with good air pollution control practice 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.

[District Rule 1302 (C)(2)(a)]

3. This diesel engine and its associated equipment cannot be operated at the same engine-print (spot) for more than 365 consecutive days. This system must be moved within this facility or moved to another facility annually. Compliance with this condition is verified by this equipment being permanently mounted on a vehicle that is intended to conduct maintenance and repairs throughout the facility on a routine basis.

[Title 17 CCR 93116.2(a)(29)]

4. 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 93116.3(a)]

5. 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(b)(2)(A)]

6. This engine has been designated as "low-use" pursuant to Title 17 CCR 93116 and is therefore exempt from the fleet requirements of sections 93116.3(c)(1) and 93116.3(c)(2) pursuant to section 93116.3(c)(3)(C). In order to maintain this designation, this engine may not operate more than 200 hours per calendar year except for in an emergency event as defined in Title 17 CCR 93116.

In the event that this engine exceeds the allowed hours of operation in a calendar year it becomes immediately subject to the requirements of section 93116.3(c)(1) or (c)(2) in the year such exceedence or use occurs. The responsible official (owner/operator) must submit a request to convert the engine to regular use, subject to the limitations of section 93116.3(c)(6).

[Title 17 CCR 93116.2(a)(23) and 9.3116.3(c)(3)and(5)]

7. The owner/operator shall maintain an 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. Calendar year operation in terms of fuel consumption (in gallons) and total hours; and,
- b. Fuel sulfur concentration (may use the supplier's certification of sulfur content if it is maintained as part of this log).

[Title 17 CCR 93116.4(c)]

8. This USEPA Tier 1 certified engine may not be sold, or offered for sale, to an end user in California on or after January 1, 2020. The sale of engines for resale outside of California is not prohibited.

[Title 17 CCR 93116.3(e)]

9. The owner/operator of portable, diesel-fired engines that are exempted from the requirements of section 93116.3(c)(1) and 93116.3(c)(2) pursuant to section 93116.3(c)(3)(C) of Title 17 CCR 93116, must keep and maintain records pursuant to condition 7. The Responsible Official (owner/operator) must provide the following compliance report to the District and CARB by March 1 of each calendar year indicating the following:

- a. The permit number of each low-use engine; and
- b. The hour meter readings take at the beginning and end of the previous calendar year for each low-use engine.

Compliance Reports should be sent to the District via mail or electronically to reporting@mdaqmd.ca.gov

Compliance Reports should be mailed to CARB at:

ARB/PERP

P.O. Box 2038

Sacramento, CA 95812

[Title 17 CCR 93116.4(b)and(d)]

10. This unit shall not operate within 1000 feet of the outer boundary of any K-12 school. Such operation will require the submittal of an application for a revised permit to operate so that the applicable requirements of the California Health and Safety Code Section 42301.6 will be met.

[California Health and Safety Code, Sections 42301.6 and 42301.9]

11. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Diesel Particulate Matter (DPM) from Portable Engines Rated at 50 Horsepower and Greater (Title 17 CCR 93116).

12. A facility wide Comprehensive Emission Inventory (CEI) for all emitted criteria and toxic air pollutants must be submitted to the District, in a format approved by the District, upon District request.

[District Rule 107(b), H&S Code 39607 & 44341-44342, and 40 CFR 51, Subpart A]