



## MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

### PERMIT TO OPERATE

B009929

Operation under this permit must be conducted in compliance with all information included with the initial application, initial permit condition, and conditions contained herein. The equipment must be maintained and kept in good operating condition at all times. This Permit to Operate or copy must be posted on or within 8 meters of equipment. If a copy is posted, the original must be maintained on site, available for inspection at all times.

**EXPIRES LAST DAY OF: APRIL 2027**

#### **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 (725-052) consisting of: Year of Manufacture 2006, Tier 2, USEPA Family Name 6PKXL04.4RE1.

One Perkins, Diesel fired internal combustion engine Model No. 2466/1700 and Serial No. U323593, Direct Injected, producing 51 bhp with 4 cylinders at 1700 rpm while consuming a maximum of 26.0 lbs/hr. This equipment powers a Lincoln Welder Model No. K1278-7 and Serial No. C1061100387, rated at 400 amp.

#### **EMISSIONS RATES**

| Emission Type | Est. Max Load | Unit      |
|---------------|---------------|-----------|
| CO            | 1.119         | gm/bhp-hr |
| NOx           | 5.145         | gm/bhp-hr |
| PM10          | 0.149         | gm/bhp-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: 51 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**  
**Brad Poiriez**  
Executive Director

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.

[District Regulation XIII - NSR]

6. 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).

[District Regulation XIII - NSR]

7. The owner/operator may not designate this engine to be low-use or emergency after July 1, 2022.

[Title 17 CCR 93116.3(b)(3)]

In order to designate this engine as low-use or emergency, the owner/operator must submit an application to the District to modify this permit.

8. This USEPA Tier 2 certified engine may not be operated in California on or after January 1, 2023 unless this engine meets one of the following:

- a. The engine has been designated as low-use pursuant to condition 7; or
- b. The engine has been designated as emergency pursuant to condition 7; or
- c. The engine has been equipped with a properly functioning level-3 verified technology.

[Title 17 CCR 93116.3(c)]

"Level-3 Verified Technology" means a technology that has satisfied the requirements of the "Verification Procedure for In-Use Strategies to Control Emissions from Diesel Engines" in title 13, Cal. Code Regs., commencing with section 2700, and has demonstrated a reduction in diesel particulate matter of 85 percent or greater. In order to install a level-3 technology, the owner/operator must submit an application to the District to modify this permit.

9. This USEPA Tier 2 certified engine may not be sold, or offered for sale, to an end user in California on or after January 1, 2023. The sale of engines for resale outside of California is not prohibited.

[Title 17 CCR 93116.3(e)]

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.

[District Rule 1302 and H&S Code 42301.6]

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]