



## MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

### AUTHORITY TO CONSTRUCT

B014326

If construction is not completed by the expiration date of this permit, it may be renewed for one additional year upon payment of applicable fees. Any additional extension will require the written approval of the Air Pollution Control Officer. This Authority to Construct may serve as a temporary Permit to Operate provided the APCO is given prior notice of intent to operate and the Permit to Operate is not specifically denied.

**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 ICE ENGINE, PORTABLE WELDER consisting of: Year of Manufacture 2019, US EPA Tier 4F, Engine Family KDZXL02.9020, multi-featured welder/generator/hydraulic pump/compressor.

One Deutz, Diesel fired internal combustion engine Model No. TD 2.9 L4 and Serial No. 12469183, Diesel Oxidation Catalyst, Exhaust Gas Recirculation, Exhaust Gas Recirculation, Turbo Charged, producing 65.7 bhp with 4 cylinders at 2200 rpm while consuming a maximum of 3.42 gal/hr. This equipment powers a Lincoln Welder Model No. 566x and Serial No. U1200401824, rated at 600 amp.

#### **EMISSIONS RATES**

Emission Type	Est. Max Load	Unit
CO	0.015	gm/bhp-hr
NOx	2.64	gm/bhp-hr
NOx+NMHC	2.78	gm/bhp-hr
PM10	0.02	gm/bhp-hr
SOx	0.004	gm/bhp-hr
VOC	0.14	gm/bhp-hr

#### **CONDITIONS:**

Fee Schedule: 1 (b)

Rating: 75 bhp

SIC: 3241

SCC: 20100101

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

1. 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)]

2. This diesel ICE and its associated equipment cannot be operated at the same engine-print (spot) for more than 365 consecutive days. This equipment must be moved within this facility or moved to another facility annually. The amount of time that the equipment is kept in the storage location does not count towards the residence requirement so long as the equipment is not set up in an operational configuration.

[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; 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)]

4. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time.

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

5. 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]

[40 CFR 70.6 (a)(3)(B)]

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

[Title 17 CCR 93116]

7. A facility wide Comprehensive Emission Inventory Report (CEIR) 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]

8. Operation of engine with District Permit B009466 shall cease at this facility within one-hundred and eighty (180) days of startup of this engine. Owner/operator shall maintain records substantiating compliance with this requirement and provide to District personnel upon request.

[District Rule 1302(D)(5)(a)(i)]