



# 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

B011469

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: FEBRUARY 2027**

### OWNER OF OPERATOR (Co. #650)

Hesperia Water District  
9700 7th Avenue  
Hesperia, CA 92345

### EQUIPMENT LOCATION (Fac. #1313)

Hesperia Water - Mojave St  
17282 Mojave Street  
Hesperia, CA 92345

### Description:

DIESEL IC ENGINE, PORTABLE, LOW USE ASPHALT GRINDER consisting of: A certified Tier 1 engine, USEPA family name 2JDXL06.8047, manufactured in 2002.

One John Deere, Diesel fired internal combustion engine Model No. 4045TF250A and Serial No. PE4045T487132, Direct Injected, Turbo Charged, producing 125 bhp with 4 cylinders at rpm while consuming a maximum of 8.0 gal/hr. This equipment powers a Asphalt Zipper Model No. AZ-360HD and Serial No. 36HD00156, rated at 279 cubic meters per hour.

### EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.0067	lbs/hr
NOx	5.48	gm/bhp-hr
PM10	0.21	gm/bhp-hr
SOx	0.006	gm/bhp-hr
VOC	0.0025	lbs/hr

### CONDITIONS:

Fee Schedule: 1 (b)

Rating: 125 bhp

SIC: 9199

SCC: 20100102

Location/UTM(Km):  
472E/3808N

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.

Hesperia Water District  
9700 7th Avenue  
Hesperia, CA 92345

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

1. This certified portable diesel internal combustion engine shall be installed, operated and maintained in strict accordance 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.

[District Rule 1302]

2. This diesel ICE and its associated equipment cannot be operated at the same engine-print (spot) for more than 365 consecutive days, excluding time spent at a designated storage site. This generator must be moved to another facility annually for a valid operational reason.

[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.

[Title 17 CCR 93116.4(b)(2)(A)]

5. 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.

6. 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 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;
- b. Location of each use;
- c. Duration of each use (in hours as indicated by the hour timer);
- d. Reason for each use (testing & maintenance, emergency, required emission testing);
- e. Calendar year operation in terms of fuel consumption (in gallons) or total hours; and,
- f. 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 17 CCR 93116]

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. This engine is subject to the requirements of the Airborne Toxic Control Measure For Diesel Particulate Matter From Portable Engines Rated At 50 Horsepower and Greater (Title 17 CCR 93116). In the event of conflict between these conditions and the ATCM, the more stringent shall govern.

[Title 17 CCR 93116]

10. 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]