



# 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

B015169

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: JULY 2025

#### OWNER OF OPERATOR (Co. #1889)

Arakelian Enterprises Inc.  
P.O. Box 91918  
City of Industry, CA 91715-1918

#### EQUIPMENT LOCATION (Fac. #3817)

Arakelian Enterprises, Inc. - Various Locations  
District Wide  
MDAQM, CA 92392

#### Description:

DIESEL IC ENGINE, PORTABLE TROMMEL SCREEN consisting of: Portable Trommel Screen with a throughput rating of 150 TPH. Equipment includes a certified Tier IV Interim diesel engine, EPA Family BDZXL03.6082, manufactured in 2011, equipped with factory installed emission control devices. Exhaust flow is approximately TBD ACFM at TBD degrees Fahrenheit. Exhaust stack is estimated at TBD foot high with a TBD foot diameter. This equipment will operate within Barstow and Victorville Landfills. PERP Registration Number: for the engine and 156980 and 115018 for the Trommel

OneDeutz, Diesel fired internal combustion engine Model No. TD2011L04I and Serial No. 11041109, Electronic Control Module, Direct Injected, Turbo Charged, Smoke Puff Limiter, producing 70 bhp with 4 cylinders at 2600 rpm while consuming a maximum of 3.6 gal/hr. This equipment powers a Powerscreen Screen Model No. Chieftain 400 and Serial No. 6902035, rated at 150 TPH.

#### EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	1.17	gm/bhp-hr
NOx	3.2	gm/bhp-hr
PM10	0.125	gm/bhp-hr
PM2.5	0.123	gm/bhp-hr
SOx	0.005	gm/bhp-hr
VOC	0.169	gm/bhp-hr

#### CONDITIONS:

Fee Schedule: 1 (b)      Rating: 70bhp      SIC: 2875      SCC: 20100102      Location/UTM(Km): 473E/3956N

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.

Arakelian Enterprises Inc.  
Attn: Environmental Compliance Dept  
  
City of Industry, CA 91715-1918

By: **COPY**  
**Brad Poiriez**  
Air Pollution Control Officer

1.This equipment 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 204 and 1302]

2.This diesel ICE and its associated equipment cannot be operated at the same engine-print (spot) for more than 365 consecutive days. This system must be moved for a valid business purpose annually.  
[Title 17 CCR 93116.2(a)(29), District Rules 1302, 1303, and 1320]

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) 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(c)(2)(A)]

5.The owner/operator 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;
- b. Duration of each use (in hours as indicated by the hour timer);
- c. Daily, weekly, monthly and calendar year operation in terms of total hours, and
- d. Fuel sulfur concentration (the owner/operator may use the fuel supplier's certification of sulfur content if it is maintained as part of this log).

[Title 17 CCR 93116.4(c)]

6.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]

7.This engine is subject to the requirements of Title 17 CCR 93115, the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines and 40 CFR 60, Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (NSPS). In the event of a conflict between these conditions and the ATCM or NSPS, the more stringent requirements shall govern.  
[District Rule 1302]

8.Visible emissions from this equipment shall not exceed an opacity equal to, or greater than, twenty percent (20%) for a period aggregating more than three (3) minutes in any one (1) hour, excluding uncombined water vapor [District Rule 401]. This equipment shall not discharge air contaminants or materials constituting a nuisance to any considerable number of persons or to the public [District Rule 402]. Roadways, work areas and stockpiles shall be kept sufficiently moist to control fugitive dust, and no visible emissions shall extend beyond the property line of the emission source [District Rule 403]. Equipment to properly wet the material being processed shall be maintained in operable condition on-site and used as necessary to assure compliance with this condition.  
[District Rule 1302(C)(2)(a)]

9.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]