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

B015490

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: JUNE 2027

OWNER OF OPERATOR (Co.#2855)

West Coast Aggregate Supply, Inc.
119278 North Cadiz Road
Twentynine Palms, CA 92277

EQUIPMENT LOCATION (Fac.#3790)

West Coast Aggregate Supply, Inc.
119278 North Cadiz Road
Twentynine Palms, CA 92277

Description:
DIESEL IC ENGINE, GENERATOR consisting of: A certified Tier 4 Final diesel-fueled engine, EPA Engine Family PSZXL02.2PDX. Engine Exhaust Flow is 237 cfm at 850 Degrees F. Stack height is 5 feet high and Stack Diameter is 2 inches. Equipment elevation is 617 feet above sea level. *Please note, this equipment may be operated at various locations within the 11927 Cadiz Road Facility, however emissions comply with the stationary requirements of 17 CCR 93115 and 40 CFR 60, Subpart IIII. While the engine MAY be used at various locations, the engine is not required to move from its footprint on an annual basis.

One Isuzu, Diesel fired internal combustion engine Model No. BP-4LE2X and Serial No. 4LE2-105923, Four-Stroke Lean Burn, Charge Air Cooler, Compression-Ignited, Direct Injected, Diesel Oxidation Catalyst, Electronic Control Module, Exhaust Gas Recirculation, Exhaust Gas Recirculation, Turbo Charged, producing 66 bhp with 3 cylinders at 1800 rpm while consuming a maximum of 2.90 gal/hr. This equipment powers a Multiquip Generator Model No. DH-04801 and Serial No. 7251154, rated at 36 kW.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.0075	gm/bhp-hr
NOx	2.2669	gm/bhp-hr
PM10	0.0149	gm/bhp-hr
PM2.5	0.0148	gm/bhp-hr
SOx	0.0042	gm/bhp-hr
VOC	0.1193	gm/bhp-hr

Fee Schedule: 1 (a) Rating: 66 bhp SIC: 1479 SCC: 20100102 Location/UTM(Km): 679E/3783N

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.

West Coast Aggregate Supply, Inc.
P.O. Box 790
Thermal, CA 92274-0790

By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

CONDITIONS:

1. This certified portable compression-ignited internal combustion engine and its associated emission control systems 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 air 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; 40 CFR 60.4211(a)]

2. This engine shall not be operated unless all manufacturer-installed emission control systems are properly functioning. Furthermore, no changes shall be made to any of the emissions control systems unless done so by a factory certified technician.
[District Rule 1302]

3. This equipment shall only be fired on diesel fuel that meets the following requirements, or an alternative fuel approved by the ATCM for Stationary CI Engines:
a. Ultra-low sulfur concentration of 0.0015% (15 ppm) or less, on a weight per weight basis; and,
b. A cetane index or aromatic content, as follows:
(i) A minimum cetane index of 40; or,
(ii) A maximum aromatic content of 35 volume percent.
[17 CCR 93115.5(a), 40 CFR 60.4207(b) and 40 CFR 1090.305]
Note: Use of CARB certified ULSD fuel satisfies these requirements.

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 93115.10(d)]

5. The owner/operator shall maintain an operations and inspection 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. Location of each use (decimal degrees, xx.xxxxx, -yyy.yyyyy);
c. Daily, Monthly, and 12 month rolling consecutive total hours of operation, as indicated by the hour meter readings;
d. Records of all inspection, maintenance and/or repair actions performed on the engine, including date and description;
e. District Permit number, unit identification number, and Emissions Control Equipment identification number, when applicable;
f. Quarterly fuel use and quarterly hours of operation, on a calendar quarter basis;
g. Date and summary of any emissions corrective maintenance;
h. Fuel sulfur concentration as required by condition #3 (you may use the supplier's certification of sulfur content if it is maintained as part of this log).
[District Rules 1302 and 1320; 17 CCR 93116]

6. Owner/operator shall conduct inspection, whichever is more frequent of, at least once every calendar quarter; or, after every 2,000 hours of engine operation. An inspection includes any testing, maintenance, and/or other procedures that ensure the Internal Combustion Engine is operated in strict accordance with the manufacturer's specifications and in continual compliance with the provisions of this rule.
[District Rules 1160(E)(1)(a)(i) and 1302]

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. This engine shall not be used within 1000 feet of any K-12 school, residence, hospital, or other sensitive receptor location. Sensitive receptor locations include, but are not limited to, hospitals, schools, and day care centers, and such other locations as the District board or California Air Resources Board may determine.
[District Rule 1320 and H&S Code 42301.6, 42705.5(a)(5)]

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; 17 CCR 93400 et seq.; and 40 CFR 51, Subpart A]