



## 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

B015459

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: MARCH 2027**

#### **OWNER OF OPERATOR (Co. #2261)**

Clark Pacific Precast, LLC  
9367 Holly Rd.  
Adelanto, CA 92301

#### **EQUIPMENT LOCATION (Fac. #3628)**

Clark Pacific Adelanto Precast Plant  
9367 Holly Rd.  
Adelanto, CA 92301

#### **Description:**

DIESEL IC ENGINE, PORTABLE GENERATOR consisting of: A certified Tier 4 final diesel engine, USEPA Family JJDXL13.5310, manufactured in 2018 and equipped with factory-installed emission controls. Exhaust flow is approximately 2,614 ACFM at 955 degrees Fahrenheit through a 11.2 foot tall by 5.9 inch diameter stack.

One John Deere, Diesel fired internal combustion engine Model No. 6135HFC09 and Serial No. TBD, Ammonia Oxidation Catalyst, Diesel Oxidation Catalyst, Diesel Particulate Filter, Electronic Control Module, Selective Catalytic Reduction, Selective Catalytic Reduction, Turbo Charged, producing 525 bhp with 6 cylinders at 2100 rpm while consuming a maximum of 22 gal/hr. This equipment powers a Atlas Copco Compressor Model No. XAS 1800 JD8 T4F and Serial No. TBD, rated at 1800 cfm.

#### **EMISSIONS RATES**

Emission Type	Est. Max Load	Unit
CO	2.6	gm/bhp-hr
NOx	0.30	gm/bhp-hr
PM10	0.01	gm/bhp-hr
PM2.5	0.01	gm/bhp-hr
SOx	0.004	gm/bhp-hr
VOC	0.14	gm/bhp-hr

Fee Schedule: 1 (c)

Rating: 525 bhp

SIC: 3272

SCC: 20100102

Location/UTM(Km):  
459E/3826N

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.

Clark Pacific Precast, LLC  
Attn: Jagger Medeiros

Adelanto, CA 92301

By: **COPY**  
**Brad Poiriez**  
Executive Director

## CONDITIONS:

1. This certified Tier 4 Final portable compression-ignited internal combustion engine and any associated air pollution control 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 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 204]

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

[District Rule 204; 17 CCR 93116.4(b)(2)(A)]

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 93116.3(a)]

Note: Use of CARB certified ULSD fuel satisfies these requirements.

4. 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) Date and location of each use (in Lat xx.xxxxx/Lon yyy.yyyyy format) and duration of each use (in hours);

b) Hours operated (summarized monthly) for each consecutive 12-month period;

c) 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);

d) Any corrective action taken after the DPF backpressure monitor has notified the owner or operator that the high backpressure limit of the engine is approached;

[District Rules 1303 and 1320; 17 CCR 93116.4]

5. The Diesel Engine Operational Area is defined as the enclosed area bounded by the following points (given in decimal degrees Latitude and Longitude):

a) +34.54096, -117.45613;

b) +34.54096, -117.45382;

c) +34.53998, -117.45443;

d) +34.53998, -117.45613.

[District Rules 1320 and 1520]

6. This engine shall not operate outside of The Diesel Engine Operational Area noted in Condition 5 without prior written authorization from the District. Furthermore, this engine and its associated equipment cannot be operated at the same location for more than 365 consecutive days. This engine must be moved for a valid business purpose within The Diesel Engine Operational Area annually.

[District Rules 1302, 1303, and 1320; Title 17 CCR 93116.2(bb)]

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

8. This facility shall not emit equal to or greater than 15 tons of PM-10 per each consecutive 12-month period. Before this limit can be increased, the facility is required to submit to the District an application to modify the permit, which will require the use of Emission Reduction Credits or Simultaneous Emission Reductions at the facility.

[District Rule 1303 - Offsets]

9. 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), Health & Safety Code 39607 & 44341-44342, 17 CCR 93400 et seq., and 40 CFR 51, Subpart A]