



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

B012804

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 2025

OWNER OF OPERATOR (Co. #2260)

Freeman Holding of CA, L.L.C.
18590 Readiness St.
Victorville, CA 92394

EQUIPMENT LOCATION (Fac. #3623)

Million Air Victorville
18590 Readiness St.
Victorville, CA 92394

Description:

DIESEL IC ENGINE, PORTABLE* GROUND POWER UNIT (#41) consisting of: Year of Manufacturer 2017, Tier IV Final, Engine Family GPKXL04.4MU1. *Please note for operational flexibility this engine may but is not required to move to different locations on the tarmac. It is permitted as a portable engine but meets the more rigorous specifications of a stationary engine

One Perkins, Diesel fired internal combustion engine Model No. 1204F-E44TTAN and Serial No. MU51854U008635A, Direct Injected, Turbo Charged, Inter Cooled, Selective Catalytic Reduction, Exhaust Gas Recirculation, Exhaust Gas Recirculation, Diesel Oxidation Catalyst, Electronic Control Module, Selective Catalytic Reduction, Ammonia Oxidation Catalyst, producing 157 bhp with 4 cylinders at 2200 rpm while consuming a maximum of 9 gal/hr. This equipment powers a Advanced GSE Ground Power Unit Model No. AMP JET 90 and Serial No. 100041, rated at 90 kVA.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.03	gm/bhp-hr
NOx	0.21	gm/bhp-hr
PM10	0.01	gm/bhp-hr
PM2.5	0.01	gm/bhp-hr
SOx	0.01	gm/bhp-hr
VOC	0.01	gm/bhp-hr

CONDITIONS:

Fee Schedule: 1 (b)

Rating: 157 bhp

SIC: 4581

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.

Freeman Holding of CA, L.L.C.
18590 Readiness St.
Victorville, CA 92394

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

1. This certified stationary compression-ignited internal combustion engine shall be installed, operated and maintained in strict accord 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(c)(2)]

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

[17 CCR 93115.10(d)]

3. This engine shall not be operated unless all of the following emission control systems are properly functioning:

1. Diesel Oxidation Catalyst

2. Electronic Control Module

3. Exhaust Gas Recirculation System

Furthermore, no changes shall be made to any of the above systems unless done so by a factory certified technician.

[40 CFR 60.4211, District Rule 1302]

4. 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:

1. A minimum cetane index of 40; or,

2. A maximum aromatic content of 35 volume percent.

Note: Use of CARB certified ULSD fuel satisfies the above requirements.

[17 CCR 93115.5(a) and 40 CFR 60.4207(b)]

5. This engine shall not be operated except when located within the fenced portion of the airport which includes the tarmac and owner/operator maintenance shop, and shall not be located closer than 100 meters (328 feet) to any offsite receptor. Offsite receptors are those outside of the fenced portion of the airport which includes the tarmac and which restricts public access.

[District Rules 1320 and 1520]

6. The aggregate total operating hours for the following engines shall not be operated for more than 6000 hours in any twelve month period: B012804, B012812, B012813 and B012908.

[District Rules 1320 and 1520]

7. The owner/operator shall maintain an operations log for this engine, current and on-site (or at a central location), for a minimum of three (3) years. This log shall be provided to District, State and Federal personnel upon request. The log shall include, at a minimum, the following information:

a. Date of operation;

b. Hours of operation (hours/day);

c. Proximity (meters) to closest fence line;

d. Location of use if proximity to fence line is less than 100 meters;

e. Fuel concentration requirements as required by condition #4;

f. Date of each maintenance action or repair;

g. Description of each maintenance action or repair;

h. Results of any source testing conducted on the engine.

[40 CFR 60.4211(g), 40 CFR 60.4214(c), District Rules 204, 1320 and Rule 1520]

8. 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]

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]