



## MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue Victorville, CA 92392-2310  
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

**INACTIVE**

**B013135**

Inactive type Permit has no description information.

**EXPIRES LAST DAY OF: JUNE 2019**

### **OWNER OF OPERATOR (Co.#2445)**

Onboard Dynamics, Inc.  
62958 NE Layton Avenue  
Bend, OR 97701

### **EQUIPMENT LOCATION (Fac.#3839)**

Onboard Dynamics, Inc.  
670 West Avenue L-8  
Lancaster, CA 93534

#### **Description:**

NATURAL GAS, IC ENGINE, PORTABLE, COMPRESSOR consisting of: Year of Manufacturer 2017, USEPA Family: JKEMB04.0OBD, with KEM Power Model CM09-5727-I, Non-Selective Catalytic Reduction Control Device.

One KEM Equipment, NG fired internal combustion engine Model No. 8.0-CNG-ONBOD-4C and Serial No. 201702535, Electronic Control Module, Four-Stroke Lean Burn, producing 54 bhp with 4 cylinders at 1800 rpm while consuming a maximum of 10.2 scf/hr. This equipment powers an Onboard Dynamics Compressor Model No. 1 and Serial No. 1, rated at 80 scfm.

#### **EMISSIONS RATES**

Emission Type	Est. Max Load	Unit
CO	4.34	gm/bhp-hr
NOx	0.0405	gm/bhp-hr
PM10	0.033	gm/bhp-hr
SOx	0.001	gm/bhp-hr
VOC	0.12	gm/bhp-hr

#### **CONDITIONS:**

1. This equipment shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles in a manner consistent with good air pollution control practice for minimizing emissions. 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)(a)]

Fee Schedule: ED (N/A)      Rating: 1 Engine      SIC: 5084      SCC: 20200202      Location/UTM(Km): 395E/3840N

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.

Onboard Dynamics, Inc.  
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Bend, OR 97701

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

2.This unit shall only be fired on Natural Gas.  
[District Rule 431.1]

3.This engine cannot remain at a location for more than twelve (12) consecutive months. A location is any single site at a building, structure, facility, or installation. Any engine (or engines) that replaces an engine at a location and that is intended to perform the same or similar function as the engine replaced will be included in calculating the consecutive time period.  
[40 CFR 1068.30 "nonroad engine" (2)(iii)]

If the owner/operator intends to utilize this engine as a stationary engine, a permit modification must be submitted to the District prior to stationary operation, and the engine is subject to all stationary engine regulations.  
[District Rule 1302(C)(2)(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.  
[District Rule 1302(C)(2)(a)]

5.The owner/operator shall maintain an operations log for this equipment, 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/or Federal personnel, upon request. The log shall include, at a minimum, the information specified below:

- a. Date and location of each use; and,
- b. Duration of each use (in hours) and the type of use (regular prime use, emergency, testing & maintenance, etc.); and,
- c. Calendar year operation in terms of fuel consumption (in gallons or equivalent) and total hours.

[Rule 1203(D)(1)(d)(ii)]

6.This equipment is a possible source of hazardous emissions and shall not be operated and/or located within 1,000 feet of a public or private school (kindergarten through 12th grade) of more than 12 students for more than 30 consecutive days without completing the notification required by California Health and Safety Code, Section 42301.6. The District must be notified immediately if this equipment is to operate, or be located, within 1,000 feet of a public school.  
[District Rule 1302 and H&S Code 42301.6]

7.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]