



## MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

**INACTIVE**

E007694

Inactive type Permit has no description information.

**EXPIRES LAST DAY OF: SEPTEMBER 2017**

### **OWNER OF OPERATOR (Co.#22)**

BNSF Railway Company  
740 East Carnegie Drive  
San Bernardino, CA 92408

### **EQUIPMENT LOCATION (Fac.#236)**

BNSF Railway Co - Barstow  
200 North Avenue H  
Barstow, CA 92311

#### **Description:**

DIESEL IC ENGINE, EMERGENCY FIRE PUMP consisting of: John Deere ICE used to power an Aurora Pump, Model 453A-481, Type 481BF, rated at 1250 GPM,

One John Deere, Diesel fired internal combustion engine Model No. 6081AF001 and Serial No. RG 6081A081787, Direct Injected, Turbo Charged, producing 275 bhp with 6 cylinders at 2100 rpm while consuming a maximum of 14.0 gal/hr. This equipment powers a Fire Pump Model No. and Serial No. , rated at .

#### **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 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.
2. Engine may operate in response to notification of impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or expects to order such outages at a particular time, the engine is located in the area subject to the rotating outage, the engine is operated no more than 30 minutes prior to the forecasted outage, and the engine is shut down immediately after the utility advises that the outage is no longer imminent or in effect.
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) on a weight per weight basis per CARB Diesel or equivalent requirements.

Fee Schedule: 7 (g)

Rating: 1 device

SIC: 4013

SCC: 20200102

Location/UTM(Km):  
493E/3861N

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.

BNSF Railway Company  
740 East Carnegie Dr  
  
San Bernardino, CA 92408-3571

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

4. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this unit to indicate elapsed engine operating time.
  
5. This unit shall be limited to use for emergency power, defined as in response to a fire or when commercially available power has been interrupted. In addition, this unit shall be operated no more than 20 hours per year for testing and maintenance, excluding compliance source testing. Time required for source testing will not be counted toward the 20 hour per year limit.
  
6. The hour limit of Condition #5 can be exceeded when the emergency fire pump assembly is driven directly by a stationary diesel fueled IC engine when operated per and in accord with the National Fire Protection Association (NFPA) 25 - "Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems," 1998 edition. {Title 17 CCR 93115(c)16}
  
7. The o/o shall maintain a operations log for this unit current and on-site, either at the engine location or at a on-site location, for a minimum of two (2) years, and for another year where it can be made available to the District staff within 5 working days from the District's request, 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 and duration of each use (in hours);
  - b. Reason for use (testing & maintenance, emergency, required emission testing);
  - c. Calendar year operation in terms of fuel consumption (in gallons) and total hours; and,
  - d. Fuel sulfur concentration (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log).
  
8. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (Title 17 CCR 93115). In the event of conflict between these conditions and the ATCM, the more stringent requirements shall govern.
  
9. This unit shall not be used to provide power during an ordered power outage initiated under an Interruptible Service Contract or similar arrangement.