



**MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT**

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

**INACTIVE**

B012347

Inactive type Permit has no description information.

**EXPIRES LAST DAY OF: SEPTEMBER 2017**

**OWNER OF OPERATOR (Co.#2228)**

W.S. Bunch Co.  
82090 First Street  
Trona, CA 93592

**EQUIPMENT LOCATION (Fac.#3590)**

W.S. Bunch  
82090 First Street  
Trona, CA 93592

**Description:**

DIESEL IC ENGINE, PORTABLE, LOW USE, COMPRESSOR consisting of: Year of Manufacturer 2004, Tier 2, USEPA Family Name 4CPXL14.6ESK.

One Caterpillar, Diesel fired internal combustion engine Model No. C15 and Serial No. BEM06851, Direct Injected, Turbo Charged, After Cooled, Electronic Control Module, producing 525 bhp with 6 cylinders at 1800 rpm while consuming a maximum of 25.7 gal/hr. This equipment powers a Sullair Compressor Model No. 1600HAFCAT and Serial No. 200607130034, rated at 120 psi.

**EMISSIONS RATES**

Emission Type	Est. Max Load	Unit
CO	1.12	gm/bhp-hr
NOx	4.11	gm/bhp-hr
PM10	0.112	gm/bhp-hr
SOx	0.0045	gm/bhp-hr
VOC	0.216	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.

Fee Schedule: 1 (c)

Rating: 525 bhp

SIC: 1474

SCC: 20200102

Location/UTM(Km):  
457E/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.

W.S. Bunch Co.  
1735 N 42nd Street  
Omaha, NE 68111

By: **COPY**  
**Eldon Heaston**  
Air Pollution Control Officer

[District Rule 1302 (C)(2)(a)]

2. This diesel engine and its associated equipment cannot be operated at the same engine-print (spot) for more than 365 consecutive days. This system must be moved within this facility or moved to another facility annually.

[Title 17 CCR 93116.2(a)(29)]

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; or alternative diesel fuel, or CARB diesel fuel utilizing fuel additives, that has been verified through the Verification Procedure for In-Use Strategies to Control Emissions from Diesel Engines.

[Title 17 CCR 93116.3(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.

[Title 17 CCR 93116.4(c)(2)(A)]

5. This engine has been designated as "low-use" pursuant to Title 17 CCR 93116. Engine operation shall not exceed 80 hours per year, except for in an emergency event as defined in Title 17 CCR 93116.

[Title 17 CCR 93116.2(a)(22) and 9.3116.3(c)(4)]

6. 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 of each use and duration of each use (in hours);
- b. Reason for use (regular prime use, emergency, testing & maintenance, etc.);
- c. Calendar year operation in terms of fuel consumption (in gallons) and total hours; and,
- d. Fuel sulfur concentration (may use the supplier's certification of sulfur content if it is maintained as part of this log).

[Title 17 CCR 93116.4(c)(2)(C)]

If this portable engine is used out-of-state, then the records only need to account for the operation within California.

[Title 17 CCR 93116.4(c)(2)(B)]

7. This certified, low-use engine shall satisfy one of the following requirements by January 1, 2020:

- a. The portable diesel-fueled engine is certified to Tier 4 emission standards for newly manufactured nonroad engines; or,
- b. The portable diesel-fueled engine is equipped with a properly functioning level-3 verified technology; or,
- c. The portable diesel-fueled engine is equipped with a combination of verified emission control strategies that have been verified together to achieve at least 85% reduction in diesel PM emissions.

[Title 17 CCR 93116.3(b)(3)]

8. The fleet\* (engines 175 to 750 hp) under control of this owner/operator is subject to and shall comply with the weighted Diesel Particulate Matter (DPM) emission fleet averages\*\* expressed as grams per brake horsepower-hour (g/bhp-hr) of Title 17 CCR Section 93116.3(c) & (d) by the following dates:

// Compliance Date // Weighted DPM (g/bhp-hr)

January 1, 2013 // 0.15

January 1, 2017 // 0.08

January 1, 2020 // 0.02

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\* Fleet is defined in Title 17 CCR Section 93116.2(p) as one or more portable unit(s).

\*\* The method used to calculate the Fleet Average is found in Title 13 CCR 93116.3(d).

9. The owner/operator of this unit must submit a Statement of Compliance signed by the Responsible Official that the fleet standards are being achieved and a summary that identifies each portable engine in the fleet and the associated emission rate (g/bhp-hr) and other required information required by Title 17 CCR 93116.4(e)(2), (3), (4), (5), (6) and (7) for the following compliance statement submittal

dates:

// Weighted DPM Emission Fleet Average Date // Submit Statement by

January 1, 2013 // March 1, 2013

January 1, 2017 // March 1, 2017

January 1, 2020 // March 1, 2020

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10. The owner/operator of fleets that are exempted from the requirements of section 93116.4 pursuant to section 93116.4(a), the Responsible Official shall certify that all portable diesel-fueled engines in the fleet satisfy the requirements of section 93116.4(a). See Title 17 CCR 93116.4(f) for details.

11. 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]

12. This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Diesel Particulate Matter from Portable Engines Rated at 50 Horsepower and Greater (Title 17 CCR 93116).

13. 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, and 40 CFR 51, Subpart A]