



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

E008572

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: DECEMBER 2025

OWNER OF OPERATOR (Co. #646)

Walmart Inc. c/o APTIM
8725 Rosehill Road, Suite 450
Lenexa, KS 66215

EQUIPMENT LOCATION (Fac. #2546)

Walmart Distribution Center #7033 - Apple Valley
21101 Johnson Rd
Apple Valley, CA 92307

Description:

DIESEL IC ENGINE, FIRE PUMP consisting of: Year of manufacture 2002.

One Clarke John Deere, Diesel fired internal combustion engine Model No. JW6H and Serial No. RG6081H159087, Direct Injected, Turbo Charged, producing 354 bhp with 6 cylinders at 2100 rpm while consuming a maximum of 10.0 gal/hr. This equipment powers a Fairbanks Morse Pump Model No. 8" 2824 and Serial No. 03863397, rated at 2500 gpm @ 140 psi.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.44	gm/bhp-hr
NOx	5.7	gm/bhp-hr
PM10	0.14	gm/bhp-hr
SOx	0.27	gm/bhp-hr
VOC	0.12	gm/bhp-hr

CONDITIONS:

1. This existing, diesel engine, and any associated air pollution control 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.

Fee Schedule: 7 (g)

Rating: 1 device

SIC: 4225

SCC: 20100102

Location/UTM(Km): 482E/3820N

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.

Walmart Inc. c/o APTIM
ATTN: Licensing Support

Lenexa, KS 66215

By: **COPY**

Brad Poiriez

Air Pollution Control Officer

[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.

[17 CCR 93115.10(d)]

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 93115.5(a), 40 CFR 80.510(c), and 40 CFR 60.4207(b)]

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

4.This equipment 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 twenty (20) hours per year for testing and maintenance.

[17 CCR 93115.6(b)(3)]

5.The hour limits indicated in condition 4, above, do not apply to in-use emergency fire pump assemblies that are driven directly by stationary diesel-fueled CI engines and only operated the number of hours necessary to comply with the testing requirements of National Fire Protection Association (NFPA) 25 "Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems," 2002 edition, which is incorporated herein by reference.

[17 CCR 93115.3(n)]

6.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(s) of each use and hours of operation [17 CCR 93115.10(f)]; and,
- b. Monthly and calendar year operation in terms of total hours [17 CCR 93115.10(f)]; and,
- c. Monthly fuel use [17 CCR 93115.10(f)]; and,
- d. Proof that fuel burned in this equipment meets the requirements of condition 3 (the owner/operator may use the supplier's certification of sulfur content if it is maintained as part of this log).

7.This engine meets the definition of an existing commercial emergency stationary RICE pursuant to 40 CFR 63, Subpart ZZZZ. Furthermore, this existing commercial emergency stationary RICE is exempt from 40 CFR 63, Subpart ZZZZ per 63.6585(f)(2).

Upon loss of this definition and/or exemption, immediate compliance with 40 CFR 63, Subpart ZZZZ - National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (NESHAP) is required.

8.This equipment is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines (17 CCR 93115).

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]