



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue Victorville, CA 92392-2310
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RENEWAL

B009249

Renewal type Permit has no description information.

EXPIRES LAST DAY OF: SEPTEMBER 2025

OWNER OF OPERATOR (Co.#1634)

Fisher Ranch Corporation
10600 Ice Plant Rd
Blythe, CA 92225

EQUIPMENT LOCATION (Fac.#2774)

Fisher Ranch Blythe
10600 Ice Plant Rd
Blythe, CA 92225

Description:

SPARK-IGNITED 4SLB NATURAL GAS IC ENGINE, GENERATOR (ENGINE #1) consisting of: custom-built Combustion Components Associates (CCA), Inc Model Elim-NOx selective catalytic reduction (SCR) emission control device. ENGINE IS SUBJECT TO THE REQUIREMENTS OF 40 CFR 63 SUBPART ZZZZ FOR ENGINES >500BHP LOCATED AT A HAP AREA SOURCE Stack Exhaust Flow rate is 5,027 Lbs/hr at a temperature of 860 degrees F. Stack Height is TBD, Stack Diameter is TBD. Facility Elevation is 263 feet above sea level.

One Guasco, NG fired internal combustion engine Model No. SFGLD240 and Serial No. 263159, Turbo Charged, producing 578 bhp with 8 cylinders at 1800 rpm while consuming a maximum of 4319.2 scf/hr. This equipment powers a Marathon Generator Model No. 572RSL4028 and Serial No. WA-533698, rated at 435 kW.

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.

[District Rule 1302]

2. The o/o shall maintain a log for this unit, which, at a minimum, contains the information specified below. This log shall be maintained current and on-site for a minimum of two (2) years and shall be provided to District personnel on request:

- a. Dates of routine maintenance;
- b. Dates of major repairs and/or replacements;
- c. Monthly fuel use;
- d. Date and summary of any emissions corrective maintenance action, and
- e. Hours of operation.

[District Rule 204]

Fee Schedule: 1 (c) Rating: 578 bhp SIC: 161 SCC: 20100202 Location/UTM(Km): 727E/3727N

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.

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

3.This equipment shall be exclusively fueled with pipeline quality natural gas with a sulfur content not exceeding 1.0 grains per 100 dscf on a rolling twelve month average basis. Compliance with this limit shall be demonstrated by providing evidence of a contract, tariff sheet or other approved documentation that shows that the fuel meets the definition of pipeline quality gas.

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

4.This ICE shall not be operated unless its emissions are vented through a properly operating SCR emission control device.

[District Rules 204 & 1303]

5.The entire facility shall not emit any of the Regulated Pollutants listed below in excess of the following limits in any consecutive 12 month period to remain below the USEPA's Synthetic Minor - 80% (SM-80) threshold:

- a. Oxides of Nitrogen (NOx): 20 tons per consecutive twelve (12) month period, measured as NO₂;
- b. Oxides of Sulfur (SOx): 20 tons per consecutive twelve (12) month period;
- c. Volatile Organic Compounds (VOC): 20 tons per consecutive twelve (12) month period;
- d. Carbon Monoxide (CO): 80 tons per consecutive twelve (12) month period;
- e. Hydrogen Sulfide (H₂S): 8 tons per consecutive twelve (12) month period;
- f. Lead (Pb): 0.48 tons per consecutive twelve (12) month period;
- g. Particulate Matter 10 microns and less (PM₁₀): 14.5 tons per consecutive twelve (12) month period;
- h. Any single Hazardous Air Pollutant (HAP): 8 tons per consecutive twelve (12) month period; and,
- i. All HAPs combined: 20 tons per consecutive twelve (12) month period.

Compliance with these limits shall be demonstrated through the submission of a facility-wide Comprehensive Emission Inventory (CEI) for all emitted Regulated Air Pollutants. Exceedance of these emission limits may trigger offsets, BACT, National Emission Standards for Hazardous Air Pollutants (NESHAP), and/or require submission of a Title V permit application.

[District Rules 1302 and 1303]

6.No air contaminant shall be released into the atmosphere which causes a public nuisance.

[District Rule 402]

7.Owner/operator shall not discharge into the atmosphere a visible emission with a shade as dark or darker than Ringelmann 1, or with an opacity of 20% or greater, for a period aggregating more than three minutes in any one hour.

[District Rule 401]

8.This engine is subject to 40 CFR Part 63, Subpart ZZZZ for Engines >500 BHP located at a HAP Area Source, and is therefore subject to the requirements for Performance Tests in accordance with Table 4 section 1.

[District Rules 204 & 1303]

9.This engine is subject to 40 CFR Part 63, Subpart ZZZZ for Engines >500 BHP located at a HAP Area Source, and is therefore subject to the requirements for Initial Compliance With Emission Limitations, Operating Limitations, and Other Requirements in accordance with Table 5; owner/operator shall conduct an initial compliance demonstration as specified in 63.6630(e) to show that the average reduction of emissions of CO is 93 percent or more, or the average CO concentration is less than or equal to 47 ppmvd at 15 percent O₂.

[District Rules 204 & 1303]

10.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]