



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

C008214

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: OCTOBER 2025

OWNER OF OPERATOR (Co. #31)

Southern California Gas Co. - MD
9400 Oakdale Avenue
Chatsworth, CA 91313

EQUIPMENT LOCATION (Fac. #69)

SCG - No Needles Compressor Station
4500 Needles Highway
Needles, CA 92363

Description:

NON-SELECTIVE CATALYTIC REDUCTION DEVICE (Unit #5) consisting of: A Johnson-Matthey-supplied high temperature (750 to 1250 degree Fahrenheit) three-way catalyst (NSCR), or equivalent, associated with Engine Unit #5 (B008212) designed to minimize NOx, CO and VOC. Equipment elevation is 562 feet above sea level.

CONDITIONS:

1. This air pollution control device(s), 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)]

2. The catalyst inlet temperature shall be continuously monitored while the engine this unit serves is in operation. Other parameters may be monitored instead as a part of a District-approved parametric monitoring protocol. Major alternatives to monitoring under 40 CFR 63.8(f), and as defined in 40 CFR 63.90, must first obtain U.S. EPA approval.
[40 CFR 63.6635, 63.6625, 63.6670(c)(3), and 40 CFR Part 64]

3. The catalyst inlet temperature shall be maintained between 750 and 1250 degrees Fahrenheit. This requirement shall not apply for a maximum of thirty minutes after engine startup.
[40 CFR 63.6600 Table 1a and 1b, 40 CFR Part 64]

Fee Schedule: 7 (h)

Rating: 1 device

SIC: 4922

SCC: 20200202

Location/UTM(Km): 718E/3865N

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.

Southern California Gas Co. - MD
PO Box 2300, SC 9314
Chatsworth, CA 91313-2300

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

4.A thermocouple with a minimum range of 750 to 1250 degrees Fahrenheit (F) and a minimum tolerance of 5 degrees F or 1 percent of the measurement range, whichever is larger must be located in the exhaust prior to the catalyst. The thermocouple must be calibrated according to the procedures set forth in the Continuous Parameter Monitoring System Plan.

[40 CFR Part 63, Subpart ZZZZ]

5.Owner/operator must monitor and record catalyst temperatures according to the following; one data point every 15 minutes, with rolling four one-hour averages. Four hour averages are to be reviewed and any temperature deviation alarmed. Alarms must be logged for each occurrence (deviation) and resolution noted. Deviations to be reported semi-annually to District and USEPA.

[40 CFR Part 64]

6.This equipment shall be operated concurrently with the IC engine with valid District permit B008212.

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

7.Owner/operator must maintain the catalyst so that the pressure drop across the catalyst does not change by more than 2 inches of water at 100 percent load plus or minus 10 percent from the pressure drop across the catalyst measured during the initial performance test.

[40 CFR 63.6600 Table 1b, 40 CFR Part 64]

8.Owner/operator must locate a pressure sensor, at inlet and outlet of the catalyst, capable of reading within plus or minus 2 inches water column from initial source test differential pressure. Sensor must be checked for accuracy annually.

[40 CFR Part 64]

9.Owner/operator must ensure pressure drop is read at a minimum on a monthly basis and results logged. Any pressure deviation alarmed. Alarms must be logged for each occurrence (deviation) and resolution noted. Deviations to be reported semi-annually to District and USEPA.

[40 CFR Part 64]

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]