



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

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

AUTHORITY TO CONSTRUCT

B013197

If construction is not completed by the expiration date of this permit, it may be renewed for one additional year upon payment of applicable fees. Any additional extension will require the written approval of the Air Pollution Control Officer. This Authority to Construct may serve as a temporary Permit to Operate provided the APCO is given prior notice of intent to operate and the Permit to Operate is not specifically denied.

EXPIRES LAST DAY OF: JUNE 2026

OWNER OF OPERATOR (Co. #2099)

SLS & N Inc.
128 East Live Oak Avenue
Monrovia, CA 91016

EQUIPMENT LOCATION (Fac. #3852)

SLS & N Inc.
Various Locations
MDAQMD, CA 92392

Description:

DIESEL IC ENGINE, PORTABLE GENERATOR consisting of: Year of Manufacturer 2007, Tier 2, EPA Family 7CPXL27.0ESL.

One Caterpillar, Diesel fired internal combustion engine Model No. C27 and Serial No. MJE00584, Inter Cooled, Turbo Charged, Electronic Control Module, Direct Injected, producing 1214 bhp with 8 cylinders at 1800 rpm while consuming a maximum of 63 gal/hr. This equipment powers a Generator Model No. and Serial No., rated at.

EMISSIONS RATES

Emission Type	Est. Max Load	Unit
CO	0.75	gm/bhp-hr
NOx	3.90	gm/bhp-hr
PM10	0.06	gm/bhp-hr
SOx	0.01	gm/bhp-hr
VOC	0.12	gm/bhp-hr

CONDITIONS:

Fee Schedule: 1 (d) Rating: 1214 bhp SIC: 1442 SCC: 20100102 Location/UTM(Km): 470E/3818N

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

1.This equipment shall be 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.This engine shall not exceed a total operating limit of 8 hours per day and 2000 hours per year. Compliance with this limit shall be verified by condition 8(b).
[District Rule 1303]

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.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. Calendar year operation in terms of total hours; and,
- c. Fuel sulfur concentration (the owner/operator may use the supplier's certification of sulfur content if it is maintained as part of this log).

[Title 17 CCR 93116.4(c)]

6.The fleet* (engines > 750 bhp) 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:

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

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).

The 2017 and 2020 weighted PM emission fleet average standards of the Portable Diesel ATCM (Version Effective February 19, 2011) are not enforced per Air Resources Board Regulatory Advisory Number 347 which can be found at <https://www.arb.ca.gov/enf/advs/advs347.pdf>. All other ATCM applicable requirements remain in effect.

7.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 Standard Compliance Date // Submit Statement of Compliance by

January 1, 2020 // March 1, 2020

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8.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.

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

[Title 17 CCR 93116.2(bb)]

10.This Diesel Engine shall not be operated closer than:

a) 1000 feet (304 meters) from any Critical Receptor, defined as a School K-12 or Health Care Facility. Such operation will require the submittal of an application for a revised permit to operate so that the applicable requirements of the California Health and Safety Code Section 42301.6 will be met.

b) 1640 feet (500 meters) from any residence

[District Rule 1320, CH&SC 42301.6 Permit Approval: Powers & Duties of APCO]

11.This unit is subject to the requirements of the Airborne Toxic Control Measure (ATCM) for Portable Compression Ignition Engines (Title 17 CCR 93116). In the event of conflict between these conditions and the ATCM, the more stringent requirements shall govern.

[District Rule 1302]

12.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), H&S Code 39607 & 44341-44342, and 40 CFR 51, Subpart A]