



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

N012457

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: NOVEMBER 2025

OWNER OF OPERATOR (Co.#681)

General Atomics - LSNC
3550 General Atomics Court
San Diego, CA 92121-1194

EQUIPMENT LOCATION (Fac.#1648)

G A Aeronautical Sys - El Mirage Rd
73 El Mirage Airport Road
Adelanto, CA 92301

Description:

GASOLINE DISPENSING FACILITY, NON-RETAIL consisting of: A 1000 gallon capacity, Steel Tank Institute Flameshield single compartment, double-walled aboveground storage tank (AST), equipped with a Morrison Brothers Phase I Enhanced Vapor Recovery (EVR) System.

FUEL TANKS

Tank No.	Material Stored	Volume (US Gallons)	Above/Underground
001	87U	1,000	Above Ground

DISPENSING EQUIPMENT

Fuel Type	Quantity
87U	1

VAPOR CONTROL EQUIPMENT

Type	Equipment Name	Compliance
PI	MB	VR-402
SL	SL	VR-301
PII	BAL	G-70-162-A

Fee Schedule: 5 (a) Rating: 1000 gallons SIC: 3721 SCC: 40600131 Location/UTM(Km): 459E/3826N

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.

General Atomics - LSNC
ATTN: LSNC

San Diego, CA 92186-5608

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

CONDITIONS:

1.The owner/operator shall conspicuously post, in the gasoline dispensing area, the operating instructions and the district's toll-free telephone number for complaints (1-800-635-4617).

[District Rule 461]

2.The owner/operator shall maintain a log of all inspections, repairs, and maintenance on equipment subject to Rule 461. Such logs or records shall be maintained at the facility for at least two (2) years and available to the District upon request. Records of maintenance, tests, inspections, and test failures must be maintained and available to District personal upon request.

[District Rule 461; CARB Executive Order VR-402]

3.Any modifications or changes to the piping or control fittings of the vapor recovery system requires prior approval from the District.

[District Regulation XIII]

4.Pursuant to California Health and Safety Code sections 39600, 39601 and 41954, this aboveground tank shall be installed and maintained in accordance with Executive Order (EO) VR-402 for EVR Phase I and VR-301 (Standing Loss Control). Vapor vent pipes are to be equipped with Husky 5885 pressure relief valves or as otherwise allowed by the Executive Order.

[CARB Executive Orders VR-402 and VR-301]

5.The o/o shall perform the following tests within 60 days of construction completion and annually thereafter in accord with the following test procedures:

a. Determination of Static Pressure Performance of Vapor Recovery Systems at Gasoline Dispensing Facilities with Aboveground Storage Tanks shall be conducted per EO VR-402, Exhibit 6;

b. Phase I Adapters, Emergency Vents, Drain Valve, Dedicated gauging port with drop tube and tank components, all connections, and fittings shall NOT have any detectable leaks; test methods shall be per EO VR-402, Exhibit 2, Table 2-1; and,

c. Liquid Removal Test (if applicable) per TP-201.6.

Test Data shall be summarized and documented on a form similar to EO VR-402, Form 1. The District shall be notified a minimum of 10 days prior to performing the required tests with the final results submitted to the District within 30 days of completion of the tests.

Testing notifications and testing results may be sent to VaporRecoveryTesting@mdaqmd.ca.gov

[District Rule 461; CARB Executive Order VR-402]

6.Pursuant to Executive Order VR-402, Exhibit 2, Maintenance and repair of system components, including removal and installation of such components in the course of any required tests, shall be performed by Morrison Certified Technicians.

[CARB Executive Order VR-402]

7.The annual throughput of gasoline shall not exceed 25,000 gallons per year. Throughput records shall be kept on site and available to District personnel upon request, and annual throughput for the previous calendar year shall be provided to the District not later than the end of February of each year. Before this annual throughput can be increased the facility may be required to submit to the District a site specific Health Risk Assessment (HRA) in accord with a District approved plan. In addition a public notice and/or comment period may be required.

[District Rule 1320; District Rule 107(b); Health & Safety Code 39607 & 44341 - 44342; 40 CFR 51, Subpart A]

8.The o/o shall install, maintain, and operate EVR Phase I in compliance with CARB Executive Order VR-402. The existing balance Phase II Vapor Recovery System (pre-EVR), certified under CARB Executive Order G-70-162-A, may be used until the end of the system's useful life, contingent upon annual throughput being 480,000 gallons or less. In the event that the existing balance Phase II Vapor Recovery system is replaced, or if annual throughput exceeds 480,000 gallons, the o/o must install a Phase II Enhanced Vapor Recovery (EVR) System in accordance with the most recent version of CARB Executive Order VR-501. In the event of conflict between these permit conditions and/or the referenced Executive Orders, the more stringent requirements shall govern.

[CARB Executive Orders VR-402 and VR-501]

9.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]

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]