



## 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

T012398

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: 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:

TANK, AVIATION FUEL consisting of: A 1000 gallon capacity, Steel Tank Institute Flameshield single compartment, double-walled aboveground storage tank (AST), serial number 015115. This tank is used for storage and dispensing of Avgas fuel. Tank is hard piped to supply fuel to engine test stands.

#### CONDITIONS:

1. This equipment shall be installed, operated, and maintained in strict accord with those recommendations of the manufacturer/supplier and/or in a manner consistent with safety and good air pollution control practices 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 Rules 463 and 1302]

2. Any modifications or changes to the piping, control fittings, or configurations of the vapor recovery system require prior approval from the District.  
[District Regulation XIII - NSR]

3. This tank shall be used to store aviation gasoline only. Safety Data Sheets (SDS), containing True Vapor Pressure data, shall be maintained on-site and available and shall be provided to District personnel upon request.  
[District Rule 463(D)(1)]

4. Vapor vent pipe is to be equipped with Husky 5885 pressure-vacuum valve or other District approved pressure-vacuum valve. The

Fee Schedule: 5 (a)      Rating: 1000 gallons      SIC: 3721      SCC: 40600139      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

pressure-vacuum valve must be set to within ten percent (10%) of the maximum working pressure of the tank.  
[District Rule 461(C)(2)]

5.This tank shall be inspected at a frequency of no less than once per year and maintained in accordance with the manufacturer's recommendations. All components of this system, including but not limited to tanks, flanges, seals, pipes, pumps, valves, meters and connectors shall be maintained and operated so as to prevent Fugitive Vapor Leaks, Fugitive Liquid Leaks, and excess organic liquid drainage during transfer, storage and handling operations.  
[District Rule 463(C)(3)]

6.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. Daily log of throughput; and,  
b. Inspections, repairs and maintenance performed on the tank.  
[District Rules 463 and 1302]

7.The owner/operator shall conduct TP-201.3B - Determination of Static Pressure of Vapor Recovery Systems of Dispensing Facilities with Above Ground Tanks within 60 days of construction completion and once every thirty-six months thereafter. TP-201.3B has been approved by the Air Pollution Control Officer to determine compliance with fugitive vapor leak and fugitive liquid leak requirements, pursuant to Rule 463(C)(3)(a).

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 463]

8.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 (NO<sub>x</sub>): 20 tons per consecutive twelve (12) month period, measured as NO<sub>2</sub>;
- b. Oxides of Sulfur (SO<sub>x</sub>): 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 (H<sub>2</sub>S): 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 (PM<sub>10</sub>): 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]

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]