



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

B012478

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: JANUARY 2027

OWNER OF OPERATOR (Co.#2361)

Grace
17434 Mojave Street
Hesperia, CA 92345

EQUIPMENT LOCATION (Fac.#2663)

Grace
17434 Mojave Street
Hesperia, CA 92345

Description:

MP50/MP85 PROCESS LINE consisting of: Two 57 liter stainless steel reaction chambers used to produce MP50/MP85 silica products. This system also includes two product rinse tanks, rinse tank drains (to the waste water treatment system), various ancillary equipment, pumps, valves, etc., and a vent fan which exhausts directly to atmosphere.

CONDITIONS:

1. This equipment shall be installed, operated and maintained in strict accordance 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 Rules 203 and 1302]
2. This process line shall emit no more than 20 pounds of Hazardous Air Pollutants (HAPs) to the atmosphere per day, verified by usage records and a mass balance calculation. Furthermore, this process line shall not produce more than a combined total of twenty five (25) batches of MP50 and/or MP85 per calendar day. This combined total does not include any MP50 produced from the equipment described in District Permit B012332. [District Rule 1320]
3. Emissions from this facility shall not exceed the following emission limits, based on a rolling twelve (12) month summary without first obtaining authorization from the District:

Fee Schedule: 7 (i)

Rating: 1 device

SIC: 2819

SCC: 30188805

Location/UTM(Km):
470E/3810N

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**
Eldon Heaston
Air Pollution Control Officer

- a. VOC - 40,000 pounds per year (20 tons per year)
- b. All HAPs combined - 40,000 pounds per year (20 tons per year)
- c. Any individual HAP - 16,000 pounds per year (8 tons per year)

Note: These lowered limits currently keep the facility from becoming Federally Reportable (SM-80 Designation)
[District Rules 1302 and 1303]

4. The owner/operator (o/o) shall maintain a current, on-site operations log for this equipment for a minimum of two (2) years, and shall provide the operations log to District personnel on request. The operations log shall, at a minimum, contain the information specified below:

- a. Date of each use;
- b. Number of batches produced each day of use;
- c. Amount of daily HAP containing compounds used (by type/chemical name, HAP content, and amount);
- d. Monthly HAP emissions (by type/chemical name, HAP content, and amount); and,
- e. Cumulative rolling consecutive twelve month (Rolling Annual) summary HAP emissions (by type/chemical name, HAP content, and amount).

[District Rules 1302, 1320, and 1520]

5. Operation of this equipment shall not create a nuisance as defined in District Rule 402.

[District Rule 402]

6. 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]