MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT
14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

INACTIVE

B012518

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: DECEMBER 2022

OWNER OF OPERATOR (Co.#2251)

Aemerge RedPak Services Southern California, LLC
9600 E Avenue
Hesperia, CA 92345

EQUIPMENT LOCATION (Fac.#3614)

Aemerge RedPak Services Southern California, LLC
9600 E Avenue
Hesperia, CA 92345

Description:
PATHOLOGICAL WASTE PYROLYZER/GASIFIER (SPECIAL PROJECTS UNIT) consisting of: A custom manufactured pyrolysis unit (Gasifier) with 1 natural gas fired burner rated at 0.25 MMBtu/hour, used to pyrolyze up to a maximum of 100 pounds of Pathological Waste per hour. The syngas produced by this unit is exhausted to the venturi scrubber described in District permit C012519 and the enclosed flare described in District permit C012520.

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 air 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 Rule 1302]

2. The burner for this unit shall only use PUC-Regulated pipeline quality natural gas for fuel. [District Rules 431 and 1320]

3. This equipment shall only be operated when the Venturi Scrubber and Enclosed Flare described in District Permits C012519 and C012520 are operating and properly functioning. [District Rules 1302 and 1320]

Fee Schedule: 2 (a)	Rating: 250000 Btu	SIC: 4953	SCC: 10101202	Location/UTM(Km): 473E/3808N

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.

Aemerge RedPak Services Southern California, LLC
9600 E Avenue
Hesperia, CA 92345

By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

4. Only Medical Waste (MW) as defined in the California Medical Waste Management Act (California Health and Safety Code Sections 117600 - 118360) or as authorized by the California Department of Public health and agreed to in writing by the District, shall be introduced into the system.
[CA HSC 11760 et seq., District Rule 204]

5. A maximum of 100 pounds of Medical Waste may be introduced into this pyrolyzer in any one hour. The method used to measure/calculate the hourly throughput must be approved by the District prior to startup.
[District Rules 204 and 1302]

6. All piping, valves, and flanges shall be properly maintained to minimize emissions of air pollutants to the atmosphere.
[District Rules 1302 and 1320]

7. The owner/operator must maintain an operations log for each day this equipment is operated. This log shall be maintained current, kept for a total of five (5) years and on-site for a minimum of two (2) years and be provided to authorized District, State, or Federal personnel upon request. The log shall contain the following at a minimum:
a. The daily throughput and hourly charge rates, in pounds.
b. Monthly and rolling quarterly weight/weight percentages of Medical Waste pyrolyzed.
c. Data collected for all operating parameters used to determine compliance with the operating limits.
d. Times and durations of malfunctions, and a description of the malfunction and the corrective action taken.
e. Records of the calibration of all monitoring devices.
f. The results of all performance tests.
g. Equipment vendor specifications and related operation and maintenance requirements.
[District Rules 204 and 1302]

8. In the event of a malfunction in any part of this pyrolysis system, the entire process line must be shut down as soon as safely as possible and shall not be restarted until all malfunctions have been corrected.
[District Rules 204 and 1320]

9. The facility shall not emit NOx, VOCs, PM10,CO, H2S, Pb, SOx, or HAPS into the atmosphere at a rate exceeding the following limits in any consecutive 12 month period to remain below the Synthetic Minor - 80% (SM-80) threshold:
a. NOx: 20 tons
b. VOC: 20 tons
c. PM10: 12 tons
d. CO: 80 tons
e. H2S: 8 tons
f. Pb: 0.48 tons
g. SOx: 20 tons
h. Any single HAP: 8 tons
i: Total of all HAPS: 20 tons
[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]