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

INACTIVE

B011030

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: NOVEMBER 2012

OWNER OF OPERATOR (Co.#84)

NTC - Public Works
Bldg 602, 5th Street
Fort Irwin, CA 92310

EQUIPMENT LOCATION (Fac.#589)

NTC Training Mission
Bldg. 602, 5th street
Fort Irwin, CA 923105085

Description:
GASIFIER CONDITIONING SYSTEM (MEWEPS) consisting of: Military Encampment Waste to Electrical Power System (MEWEPS)

EQUIPMENT

Capacity	Equipment Description
0	Loading Chute
0.0765	Shredder (30 bhp * 2550/1000000 = 0.0765 btu)
0.0069	Shredder Hydraulic Pump (2.7 bhp * 2500/1000000 = 0.0069 btu)
0.0013	Feeder Valve Motor (0.5 bhp * 2550/1000000 = 0.0013 btu)
0.0006	Shredder Feed Distributer Motor ((0.25 bhp * 2550/1000000 - 0.0006 btu)
0.0076	Conveyor (3 bhp * 2550/1000000 = 0.0076 btu)
0.0191	Briquette Press (7.5 bhp * 2550/1000000 = 0.0191btu)
0.5508	Gasifier (0.55 + 0.3 bhp * 2550/1000000 =0.5508 btu)
0.0076	Roots Blower (3 bhp * 2550/1000000 = 0.0076 btu)
0.0128	Cooling Blower Motor (5 bhp * 2550/1000000 = 0.0128 btu)
0.0026	Char Auger Motors (2 @ 0.5 bph * 2550/1000000 = 0.0026 btu)
0.44	Flare

CONDITIONS:

Fee Schedule: 7 (i) | Rating: 1 device | SIC: 9711 | SCC: 50100599 | Location/UTM(Km): 529E/3902N

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.

NTC - Public Works
Attn: Air Resources Manager

Fort Irwin, CA 92310

By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

1. This equipment shall be installed, operated and maintained in strict accord 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.
[Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) -11/09/78 - 43 FR 52237; Current Rule Version = 07/25/77]

2. This equipment shall be vented to properly funtioning district permitted diesel fueled internal combustion engines covered under district permits; B011031 or M011032.
[Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) -11/09/78 - 43 FR 52237; Current Rule Version = 07/25/77]

3. This gasifier unit shall not process more than 60 pounds of sorted solid waste from the range per hour.
[Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) -11/09/78 - 43 FR 52237; Current Rule Version = 07/25/77]

4. The o/o shall maintain a operations log for this unit current and on-site (or at a central location) for a minimum of two (2) 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 and total number of hours operated daily;
b) Start and stop time of each operating cycle;
c) Type and amount (in pounds) of waste processed daily;
d) Amount of gas generated daily;
e) Date and time of all alarms, upsets and/or malfunctions; and
f) A description of all repairs or maintenance performed by date.
Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) -11/09/78 - 43 FR 52237; Current Rule Version = 07/25/77]

5. Owner/operator shall not discharge into the atmosphere a visible emission with a shade as dark or darker than Ringelmann 1, or with an opacity of 20% or greater, for a period aggregating more than three minutes in any one hour.
[Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]
[Rule 401 - Visible Emissions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 09/08/78 - 43 FR 40011; Current Rule Version = 07/25/77]

6. This equipment is being evaluated as a waste to energy project for the US Military; as such this equipment is temporary and shall be removed from the site within 60 days of evaluation commencement.
Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) -11/09/78 - 43 FR 52237; Current Rule Version = 07/25/77]

7. This facility shall emit less than the following on a calendar year basis;
Oxides of Nitrogen (NOx) - 25 tons,
Volatile Organic Compound (VOC) - 25 tons,
Particulate Matter less than 10 microns (PM10) - 15 tons, and
Hazardous Air Pollutants (HAP) - 10 tons per year for any single HAP and 25 tons per year for any combination of HAPs.
Compliance shall be demonstrated annually to the District through the submission of a District approved Comprehensive Emission Inventory Report (CEIR) or other District approved equivalent method. The report shall be submitted to the District no later than April 30 of each year.