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

INACTIVE

B000936

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: NOVEMBER 2011

OWNER OF OPERATOR (Co.#87)

Commanding Officer, MCLB Barstow, CA
Box 110570 Bldg 196 Attn: Air Program Manager
Barstow, CA 92311-5050

EQUIPMENT LOCATION (Fac.#587)

USMC MCLB - Yermo Annex
USMC Logistics Base
Barstow, CA 923115013

Description:
BOILER (BLDG 574, HP5) consisting of: BOILER NUMBER 8, HIGH TEMPERATURE HOT WATER which consists of an International Boiler Works Inc. - Lamont FCW-C-25 HTHW a heat input rating of 32 million Btu/h. The burner is a Combustion Specialty Incorporated CS-WT style, 25wt-N306 Model, natural gas/oil fired. Electrical motors associated with this boiler are for the fans and the hot water distribution pump whose total is 30 hp. This total hp does not significantly affect the fee structure.

CONDITIONS:

1. Owner/Operator shall ensure this equipment complies with applicable Title V Part II and Part III conditions.
[40 CFR 70.6 (a)(3)(B) - Periodic Monitoring Requirements](For Periodic Monitoring Requirements, see Part II and Part III conditions)
[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 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]

Fee Schedule: 2 (e)	Rating: 32000000 Btu	SIC: 9711	SCC: 10200602	Location/UTM(Km): 512E/3861N

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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Barstow, CA 92311-5050

By: **COPY**
Brad Poiriez
Executive Director

UNOFFICIAL

3. This boiler is limited to using only pipeline natural gas or No. 2 fuel oil.
[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 owner/operator (o/o) shall not use No. 2 fuel oil in this unit whose sulfur concentration exceeds 0.0015% on a weight basis. The o/o may use the fuel supplier's analytical data, provided it is kept with the log. At the discretion of the District, samples of fuel oil may be taken and submitted for analysis by ASTM methods D-2622-82, D-4294 or other method which the District deems to be equivalent.
[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. The o/o shall maintain a 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. Fuel consumption and type, per calendar day and cumulative annual (calendar year);
b. Annual compliance test or tune-up verification;
c. Fuel sulfur concentration of fuel oil, if used.
[40 CFR 70.6 (a)(3)(B) - Periodic Monitoring Requirements](For Periodic Monitoring Requirements, see Part II and Part III conditions)
[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]

6. This unit shall meet the following emission limits, when the annual heat input is greater than or equal to 50,000 MMBtu (corrected to 3% oxygen):
a. Carbon monoxide less than 400 ppmvd;
b. NOx less than 70 ppmvd, and/or 0.084 lbs/MMBtu of heat input, when operated on gaseous fuel;
c. NOx less than 115 ppmvd, and/or 0.150 lbs/MMBtu of heat input, when operated on liquid and/or solid fuels.
[40 CFR 70.6 (a)(3)(B) - Periodic Monitoring Requirements]
[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 1157 - Boilers and Process Heaters; Version in SIP = Current, 40 CFR 52.220(c)(207)(I)(D)(3) - 5/19/97 61 FR 56470, effective 11/1/96]

7. This equipment shall be tested to determine compliance with the emission limits through emissions compliance testing, according to Rule 1157, annually. A tune-up may be performed in lieu of a compliance test for years when the annual heat input is less than 50,000 MMBTU. The boilers with valid District permit numbers B000935, B000936, and B000937 represent three identical linked boilers. If the annual heat input of these units combined is above 50,000 MMBTU, then the emission limits apply
[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 1157 - Boilers and Process Heaters; Version in SIP = Current, 40 CFR 52.220(c)(207)(I)(D)(3) - 5/19/97 61 FR 56470, effective 11/1/96]