



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

INACTIVE

B004141

Inactive type Permit has no description information.

EXPIRES LAST DAY OF: FEBRUARY 2006

OWNER OF OPERATOR (Co.#1392)

CA DEPT OF CORR & REHAB
P.O. Box C5282
El Centro, CA 92244

EQUIPMENT LOCATION (Fac.#1422)

Chuckawalla Valley State Prison
19025 Wileys Well Road
Blythe, CA 92226

Description:

BOILER, HEATER, FIRETUBE TYPE consisting of: Heatek, Model No. HCC40133030, with an Industrial Combustion Low NOx Gas Fired Burner, 6,300,000 Btu/hr, an Induced Flue Gas Recirculation System and a 5 hp blower, Serial No. H88012B.

CONDITIONS:

1. Operation of this equipment shall be conducted in compliance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
2. This equipment shall be properly maintained and kept in good operating condition at all times.
3. This boiler shall be operated in full compliance with all applicable District Rules and Regulations.
4. This boiler shall be fired with Natural Gas or Propane only.
5. A mechanical gauge shall be installed and maintained to indicate the amount of flue gas recirculated from the exhaust stack to the burner.
6. The Flue Gas Recirculation system (FGR) shall recirculate at least 15% of the flue gas from the exhaust stack to the burner of the boiler, whenever the boiler is operating between 10% through 100% load.

Fee Schedule: 2 (d)

Rating: 6300000 Btu

SIC: 9223

SCC: 99999999

Location/UTM(Km):
725E/3273N

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.

CA DEPT OF CORR & REHAB
ATTN: Accounts Payable

El Centro, CA 92244

By: **COPY**
Brad Poiriez
Air Pollution Control Officer

7. The FGR shall be in use whenever the boiler load is 10% or greater.

8. The low NOx boiler shall be equipped with a control system to automatically regulate the combustion air and fuel as the boiler load varies. This automatic control system shall be adjusted and tuned at least twice a year, according to the manufacturer's specifications to assure its ability to repeat the same performance at the same burner firing rate.

9. This boiler shall emit no more than 40 ppm for oxides of nitrogen (NO_x) , calculated as NO₂, and 400 ppm of carbon monoxide (CO), all measured by volume on a dry basis at 3% oxygen.