

Environmental Standard Operating Procedure	
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Title: Boiler Operation

1.0 PURPOSE

The purpose of this Standard Operating Procedure is to provide environmental guidelines for the permitting requirements of boilers with a capacity of over 1,000,000 BTU/Hr.

2.0 APPLICATION

This guidance applies to those individuals working with boilers aboard Marine Corps Logistics Base (MCLB) Barstow.

3.0 PROCEDURE

3.1 Discussion:

State and federal legislation, as well as Marine Corps Order's, regulate the discharge of substances into the air. These requirements cover combustion discharges originating from open fires, incinerators, vehicles, and boilers.

3.2 Operational Controls:

The following procedures apply:

- a. Signs shall be posted in boiler rooms warning of high noise and heat levels.
- b. The Permit to Operate (PTO), if required, must be posted on site.
- c. Review permit during daily operations and annually.
- d. Ensure permit requirements/ conditions are met.
- e. If there are any specific situations or other concerns not addressed by this procedure, contact the MCLB Barstow Environmental Division.

3.3 Documentation and Record Keeping:

The following records must be maintained for boiler management:

- a. Permit.
- b. Log of total hours of operation, per day.

- c. Log of all repairs, replacements and maintenance.
- d. Log of sulfur concentration of each diesel fuel delivery.
- e. Fuel delivery receipts.
- f. Monthly fuel usage.
- g. Analytical results required by the permit or permit application.
- h. Appropriate weekly boiler inspection log.
- i. Inspection and training records.

3.4 Training:

All affected personnel must be trained in this Standard Operating Procedure.

- a. Hazard Communications training.
- b. General Environmental Awareness training.

3.5 Emergency Preparedness and Response Procedures:

Refer to MCLB Barstow's Integrated Contingency Plan (ICP).

3.6 Inspection and Corrective Action:

Base Installation Division personnel are responsible for ensuring that boilers are inspected and maintained.

4.0 REFERENCES

- 40 CFR 70
- Mojave Desert Air Quality Management District (MDAQMD)