

Environmental Standard Operating Procedure			
Originating Office: Environmental Management Department	Revision: Original	Prepared By: Engineering Division	Approved By: William Moog
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Title: Boiler Operation

1.0 PURPOSE

The purpose of this Standard Operating Procedure is to provide environmental guidelines for all permitted boilers.

2.0 APPLICATION

This guidance applies to those individuals working with permitted boilers aboard MCAS Miramar.

3.0 REFERENCES

- San Diego Air Pollution Control District Rules and Regulations
- Air Quality Management Plan (AQMP)

4.0 PROCEDURE

4.1 Discussion:

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

4.2 Operational Controls:

The following procedures apply:

1. Signs shall be posted in boiler rooms warning of high noise and heat levels.
2. The Permit to Operate (PTO) must be posted on site.
3. Review permit during daily operations and annually.

4. Ensure permit requirements/ conditions are met.
5. Turnover folder information must be kept for this Standard Operating Procedure.
6. If there are any specific situations or other concerns not addressed by this procedure, contact EMD Office.

4.3 Documentation and Record Keeping:

The following records must be maintained for boiler management:

1. Permit.
2. Log of all repairs, replacements and maintenance.
3. Log of sulfur concentration of each diesel fuel delivery.
4. Fuel delivery receipts.
5. Monthly fuel usage.
6. Appropriate weekly boiler inspection log.
7. Inspection and training records.

4.4 Training:

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

1. Hazard Communications training
2. General Environmental Awareness training.

4.5 Emergency Preparedness and Response Procedures:

CALL 9-1-1

4.6 Inspection and Corrective Action:

Public Works Division (PWD) personnel are responsible for ensuring that boilers are inspected and maintained.

Boiler Operation- Inspection Checklist

Date:	Time:
Installation:	Work Center:
Inspector's Name:	Signature:

Inspection Items	Yes	No	Comments
1. Is the Permit to Operate (PTO) posted on site? (AQMP)			
2. Does operator have a log of amount of fuel delivered each delivery?(AQMP)			
3. Does operator have a log of all repairs, replacements and maintenance? (AQMP)			
4. Does the log include at least 3 years worth of data? (AQMP)			
5. Are signs posted in boiler rooms warning of high noise and heat levels?			
6. Is the boiler limited to burning natural gas or #2 diesel with sulfur content equal to or less than .05% on a weight to weight basis?			
7. Are training and inspection records maintained and available for inspection? (AQMP)			
8. Is PTO reviewed annually?			
9. Are all PTO conditions met? (AQMP)			

ADDITIONAL COMMENTS:

CORRECTIVE ACTION TAKEN:

Environmental Compliance Coordinator

Name: _____

Signature: _____

Date: _____