

Environmental Standard Operating Procedure			
Originating Office: <b>MCAS Miramar Environmental Management Department</b>	Revision:  Original	Prepared By:  Engineering Division	Approved By:  William Moog
File Name: FSB-ESOP	Effective Date: 14 May 2007	Document Owner: Herb Baylon	

## Title: Fuel Storage- Bulk Fuel Tanks

### 1.0 PURPOSE

The purpose of this Standard Operating Procedure is to provide environmental guidelines for bulk fuel storage tanks.

### 2.0 APPLICATION

This guidance applies to individuals working with or managing fuel supply bulk storage Above Ground Storage Tanks (ASTs) with capacities of 40,000 gallons or more onboard MCAS Miramar

### 3.0 REFERENCES

- 40 CFR 112.7(E)
- Spill Prevention Control & Countermeasure (SPCC)

### 4.0 PROCEDURE

#### 4.1 Discussion:

Bulk fuel storage ASTs requires a Permit To Operate (PTOs). PTOs must be posted on or near the tank and must be available for inspection. The permit must be reviewed annually and PTO must be reviewed regularly to ensure that all permit conditions are being met. Improper management of bulk fuel storage ASTs can be detrimental to both human health and the environment. Improper management can also cause adverse regulatory action.

#### 4.2 Operational Controls:

Each section/unit at the MCAS Miramar with bulk fuel storage tanks will monitor the tank operation and security before, during, and after filling or dispensing operations and will conduct weekly visual inspections of there AST systems to include tanks, leak detection, containment systems and filling or dispensing apparatus. Bulk fuel storage ASTs that utilize underground piping must be equipped with underground piping automatic leak detection systems that must be monitored daily.

The following procedures apply:

1. Conduct daily automatic line leak detection monitoring if applicable.
2. Ensure fill caps and vent caps are in place.
3. Ensure there is no evidence of spills, leaks, or unauthorized dumping into the AST.
4. Ensure that containment drainage valves are locked and that access areas are secure.
5. Properly mark the AST with the contents of the tank.
6. Post "No Smoking" signs around AST.
7. Ensure that spill kits and fire extinguishers are available in case of an emergency.
8. If a cabinet dispenser is located at the AST, remove the skirt and visually inspect the inside of the dispenser weekly for fuel leaks.
9. Note any abnormal conditions found during weekly inspections and their corrective actions by recording them in the AST logbook.
10. Turnover folder information must be kept for this Standard Operating Procedure.
11. 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 fuel storage bulk fuel storage ASTs:

1. MSDS for product stored in AST.
2. Inspection and training records.
3. Weekly inspection log.
4. Daily automatic line leak detection monitoring log if applicable.

#### **4.4 Training:**

All affected personnel must be trained in this Standard Operating Procedure and the following:

1. Hazard Communication training.

- 2. General Environmental Awareness training.

**4.5 Emergency Response Procedures:**

CALL 9-1-1

**4.6 Inspection and Corrective Action:**

The Environmental Compliance Coordinator (ECC) shall designate personnel to perform inspections. The ECC shall ensure deficiencies noted during the inspections are corrected immediately. Actions taken to correct each deficiency shall be recorded on the inspection sheet. Designated personnel shall conduct inspections.

Bulk Fuel Storage AST – Inspection Checklist	
Date:	Time:
Installation:	Work Center:
Inspector’s Name:	Signature:

Inspection Items	Yes	No	Comments
1. Has automatic line leak detection daily monitoring been conducted if applicable?			
2. Are fill caps and vent caps in place?			
3. Is there no evidence of spills, leaks, or unauthorized dumping into the AST?			
4. Have containment drainage valves been locked or access areas been secured?			
5. Has the AST been properly marked with the contents of the tank?			
6. Have “No Smoking” signs been posted around the AST?			
7. Are spill kits and fire extinguishers available in case of an emergency?			
8. If a cabinet dispenser is located at the AST, has the inside of the dispenser been inspected weekly for fuel leaks?			
9. Have any abnormal conditions found during weekly inspections and their corrective actions been recording in the AST logbook?			
10. Are inspection and training records maintained and			

available for inspection?			
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**ADDITIONAL COMMENTS:**

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**CORRECTIVE ACTION TAKEN:**

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**Environmental Compliance Coordinator**

Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_