

Environmental Standard Operating Procedure			
Originating Office: Env Mgmt Dept	Revision: Draft Supersedes:	Prepared By: Kevin McGuinness	Approved By: Mr. Kevin McGuinness
File Name: ASB-ESOP	Effective Date: 17 May 2007	Document Owner: William Moog	

Title: Asbestos

1.0 PURPOSE

The purpose of this Standard Operating Procedure is to provide guidelines for the management of asbestos containing materials (ACM) aboard MCAS Miramar.

2.0 APPLICATION

This guidance applies to those individuals working with Asbestos Containing Material (ACM) and/or working in buildings containing ACM aboard MCAS Miramar.

3.0 REFERENCES

- 40 CFR 61, 763
- 29 CFR 1910 and 1926
- **Asbestos Management Plan**

Documents that are controlled by MCAS Miramar are shown in **bold**.

4.0 PROCEDURE

4.1 Discussion:

Asbestos has been shown to cause serious health concerns. The use of asbestos is regulated in 40 CFR 61 and is classified into two categories: friable asbestos containing material, and non-friable asbestos containing material.

The following categories of material are considered regulated asbestos-containing material (RACM) and are subject to the requirements of 40 CFR 61:

1. Friable asbestos material.
2. Asbestos-containing packing, gaskets, resilient floor coverings, and asphalt roofing products that have become friable.
3. Asbestos-containing packing, gaskets, resilient floor coverings, and asphalt roofing products that will be

or have been subjected to sanding, grinding, cutting, or abrading.

4. Other asbestos-containing materials that have a high probability of becoming or have become crumbled, pulverized, or reduced to powder in the course of demolition or renovation operations.

4.2 Operational Controls:

Only trained personnel following the proper wetting, filtration, disposal, reporting, and recordkeeping procedures may conduct removal of ACM. Training for custodial and maintenance workers must be performed before assignment to work in areas containing asbestos and annually, thereafter. Contact the Environmental Management Department for training.

Asbestos at all MCAS Miramar facilities will be managed in one of two ways: where feasible, ACM will be removed via a certified asbestos abatement contractor. ACM removal will be contracted and managed by the Public Works Division. Units that have ACM that is deteriorating or hazardous should notify the Public Works Division to begin the process.

ACM that is in good condition and does not pose a threat to personnel will be encapsulated and monitored. The Public Works Division will maintain an asbestos management plan. This plan will be used to instruct personnel in proper management procedures and communicating the ACM hazards.

The following procedures apply:

1. Ensure that all friable ACM is labeled with the word "Asbestos" in high visibility (i.e. Orange) lettering.
2. Ensure asbestos brake shoes are sealed in steel drums. All other asbestos is double-bagged in proper sized plastic to minimize personnel exposure to asbestos fibers.
3. Label waste asbestos with the appropriate hazardous waste label before turn-in.
4. Restrict access to areas with friable ACM whenever possible.
5. All personnel that work in areas containing friable asbestos must be trained to the awareness level in ACM hazards with annual refresher training documented.
6. Contact the Public Works Officer immediately if ACM is disturbed and secure the area.
7. Inspect monthly.
8. Turnover folder information must be kept for this Standard Operating Procedure.
9. If there are any specific situations or other concerns not addressed by this procedure, contact the Environmental Management Department.

4.3 Documentation and Record Keeping:

The following records must be maintained for asbestos management:

1. Training records for custodial and maintenance workers.
2. Asbestos Management Plan.
3. Monthly inspection records.

4.4 Training:

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

1. Custodial and maintenance workers that work in a building with ACM:
 - 2 hour awareness training. 40 CFR 763.92.
2. Custodial and maintenance workers that may disturb friable ACM:
 - 4-day worker training course, 36 hours. 40 CFR 763.99.
 - 1-day annual refresher training, 8 hours. 40 CFR 763.99.
3. Hazard Communication training.
4. General Environmental Awareness training.

4.5 Emergency Preparedness and Response Procedures:

Refer to the Oil and Hazardous Substance Spill Contingency Plan.

4.6 Inspection and Corrective Action:

The Public Works Division shall perform monthly inspection on known and marked ACM areas and will perform

inspections on operations to ensure that administrative requirements are being adhered to.

Asbestos – Inspection Checklist	
Date:	Time:
Installation:	Work Center:
Inspector’s Name:	Signature:

Inspection Items	Yes	No	Comments
1. Is Asbestos Management Plan maintained and available? (40 CFR 763.93(d) and (g)(2); 40 CFR 763.84(f))			
2. Do only trained personnel conduct asbestos removal? (40 CFR 763, Subpart E, Appendix C, I.B.1)			
3. Is waste ACM containerized and labeled properly? (40 CFR 61.150(a)(1)(iii) and (iv))			
4. Is all other asbestos double bagged (or the equivalent) in plastic 6 mil? (29 CFR 1926.1101(g)(4)(iii))			
5. Is access restricted to areas with friable ACM? (29 CFR 1926.1101(e)(3))			
6. Are training records available for all personnel that work in areas containing friable asbestos? (29 CFR 1910.1001(j)(7)(i))			
7. Is friable ACM labeled with the word “Asbestos” in high visibility (i.e. orange) lettering?			
8. Is the Public Works Division notified if ACM is disturbed?(29 CFR 1910.1001(j)(2)(i))			
9. Is asbestos containing waste material adequately wetted? (40 CFR 61.150(a)(1))			
10. Are demolition/renovation request submitted to the Public Works Division for asbestos removal? (Asbestos Mgmt Plan)			
11. Are training and inspection records maintained and available for inspection? (40 CFR 61.145(c)(8)), (29 CFR 1910.1001(j)(2)(ii))			

ADDITIONAL COMMENTS:

CORRECTIVE ACTION TAKEN:

Environmental Compliance Coordinator

Name: _____

Signature: _____

Date: _____