

Environmental Standard Operating Procedure			
Originating Office:  <b>Environmental Management Department</b>	Revision:  Original	Prepared By: Engineering Division	Approved By:  William Moog
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## Title: Degreasing-Aerosol

### 1.0 PURPOSE

The purpose of this Standard Operating Procedure (SOP) is to provide environmental guidelines for the use of aerosol containers which are used to dispense degreasing materials.

### 2.0 APPLICATION

This guidance applies to those individuals who work with aerosol containers that dispense products which are used to degrease parts aboard Marine Corps Air Station (MCAS) Miramar.

### 3.0 REFERENCES

- 40 CFR 403 (Code of Federal Regulations)
- 40 CFR 51
- 29 CFR 1910
- MCO P5090.2A (USMC Environmental Compliance and Protection Manual)
- MCO 5100.1 Occupational Safety and Health (OSH) Manual
- Fire Safety Regulations (FSR)
- MCAS Miramar Air Quality Management Plan (AQMP)
- MCAS Miramar Hazardous Waste Management Plan (HWMP)

### 4.0 PROCEDURE

#### 4.1 Discussion:

Aerosol containers are used to dispense degreasing materials during portable degreasing operations when objects cannot be moved or will not fit into a stationary parts washer. Many degreasing solvents and aerosol containers can potentially generate hazardous waste and air contaminants. Improper use and disposal of these materials and/or containers can potentially have adverse impacts on the environment

Aerosol containers that dispense solvents for the purpose of degreasing must be managed as hazardous material at the unit level. MCAS Miramar Units are required to purchase aerosol degreasing solvents through the Hazardous Material Minimization (HazMIN) Center. Units aboard MCAS Miramar must only use solvents listed on Unit's Hazardous Material Authorized Use List (AUL).

The unit shall consult with EMD office prior to procurement of any aerosol container that dispenses degreasing

solvents which are not listed on the Unit's Hazardous Material Authorized Use List (AUL).

#### **4.2 Operational Controls:**

The following procedures apply to any and all **aerosol containers that dispense degreasing solvents:**

1. MSDSs for degreasing solvents in aerosol containers must be available and current.
2. Use only EMD approved aerosol containers which contain degreasing materials which are listed on the installation Hazardous Material Authorization Use List (AUL).
3. Remove all caps and tips from aerosol containers and dispose of them properly before disposing of container in a Hazardous/Universal (H/U) waste container.
4. Remove gross contamination from the outside of the aerosol container before placing in the H/U waste container.
5. Ensure all waste aerosol containers and or residue are collected and taken to the unit satellite accumulation area for disposal.
6. All H/U waste containers must be marked on the outside with the name of hazardous material being disposed of.
7. Ensure waste aerosol containers and/or any residues are stored in properly closed and properly labeled containers.
8. Ensure all aerosol containers that contain degreasing solvents are kept in an appropriate storage location (e.g., flammable material locker) which is operated and maintained in strict accordance with the Unit and manufacturer's regulations.
9. Ensure "No Smoking" signs are posted properly.
10. Keep a spill kit nearby.
11. Keep fire extinguisher nearby.
12. Keep an eye wash station nearby.
13. Turnover folder information must be kept for this Standard Operating Procedure.
14. If there are any specific situations or other concerns not addressed by this procedure, contact the EMD office.

#### **4.3 Documentation and Record Keeping:**

The following records must be maintained:

1. MSDSs (Material Data Safety Sheets) for aerosol containers that contain degreasing solvents.
2. Unit's Authorized Use List for Hazardous Material (AUL).
3. Inspection and Training records.

**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.

Degreasing Aerosol – Inspection Checklist	
Date:	Time:
Installation:	Work Center:
Inspector's Name:	Signature:

Inspection Items	Yes	No	Comments
1. Are all aerosol containers that dispense degreasing solvents used in on/at MCAS Miramar approved? <i>(HWMP, AQMP)</i>			
2. Are MSDSs readily available for aerosol containers that dispensing degreasing solvents being used? <i>(HWMP, AQMP, FSR)</i>			
3. Are all health and safety considerations for the usage of aerosol containers being applied?			

<i>(29 CFR 1910, MCO 5100.1 )</i>			
4. Are all aerosol degreasing containers being stored in a proper storage flammable locker? <i>(40 CFR 302; 29 CFR 1910, HWMP)</i>			
5. Are records/logbooks being maintained that record the following:  a. product name  b. solvent compounds/mixtures used  c. VOC content  d. total volume used on a monthly basis  e. name and total volume used for wipe cleaning solvents on a monthly basis  <i>( HWMP, AQMP)</i>			
6. Are spill kits and fire extinguishers kept nearby? <i>(29 CFR 1910)</i>			
7. Are training and inspection records maintained and available for inspection? <i>(MCO P5090.2A 9104.1(k)(5)- inspection only)</i>			

**ADDITIONAL COMMENTS:**

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**CORRECTIVE ACTION TAKEN:**

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**Environmental Compliance Coordinator**

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

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

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