

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

1.0 PURPOSE

The purpose of this Standard Operating Procedure (SOP) is to provide environmental guidelines for weapons cleaning.

2.0 APPLICATION

This guidance applies to those individuals who are cleaning weapons aboard Marine Corps Air Station (MCAS).

3.0 REFERENCES

- 40 CFR (Code of Federal Regulations)
- 22 CCR (California Code of Regulations)
- 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:

Cleaning and maintenance of weapons requires the use of hazardous materials and produces hazardous waste that could potentially impact human health and the environment. Although procedures for cleaning weapons have changed and improved throughout the years, it should be noted that some of the cleaning products still in use may pose serious risks to human health and the environment; therefore weapons cleaning materials must be used, stored and disposed of properly.

It is critical that each hazardous material used for weapons cleaning be used in the manner instructed by the manufacturer. For additional information, refer to your unit's Environmental Compliance Coordinator (ECC) instruction.

4.2 Operational Controls:

The following procedures apply:

1. MSDSs for all hazardous materials must be available and current.
2. Store hazardous material in approved, labeled containers authorized for use aboard MCAS Miramar.
3. Identify and appropriately mark each hazardous material storage container to include all CLP (cleaning, lubricating and preserving compounds) bottles.
4. Contain, clean and record up all spills as soon as they are identified.
5. Dispose of all cleaning materials contaminated with hazardous material cleaning agents as hazardous waste.
6. Follow all Permits to Operate (PTOs) that pertains to weapons cleaning.
7. Keep a spill kit near potential spill hazardous areas.
8. Keep fire extinguisher near potentially flammable materials.
9. Keep and use appropriate PPE (Personal Protective Equipment) near areas with potential health hazard areas.
10. Post proper signage such as "No Smoking".
11. Turnover folder information must be maintained for this Standard Operating Procedure (SOP).
12. Contact EMD Office if there are any specific situations or other concerns not addressed by this procedure.

4.3 Documentation and Record Keeping:

The following records must be maintained:

1. MSDSs for Hazardous Material being stored.
2. Inspection and training records.
3. Spill 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.

Weapons Cleaning – Inspection Checklist	
Date:	Time:
Installation:	Work Center:
Inspector's Name:	Signature:

Inspection Items	Yes	No	Comments
1. Are all MSDSs readily available and current? (29 CFR 1910)			
2. Are all applicable Permits to Operate (PTOs) posted? (AQMP)			
3. Are Approved HM (hazardous material) storage containers being utilized and marked properly? (40 CFR 1910.120)			
4. Is each HW (hazardous waste) storage container marked properly? (40 CFR 1910.120)			
5. Are storage containers being separated by the hazardous material they are intended to store? (40 CFR 190.120)			
6. Are all solvent operations being followed as directed by MCAS Miramar ESOPs? (40 CFR 261/403/51; HWMP)			
7. Is a spill kit kept near potential spill hazard areas? (29 CFR 1910)			
8. Are fire extinguishers kept near potential flammable material? (29 CFR 1910)			
9. Is PPE kept near areas where potential health hazard exist? (29 CFR 1910)			

10. Is proper signage posted (e.g., "No Smoking", etc.)? (29 CFR 1910)			
11. Are training and inspection records maintained and available for inspection? (MCO P5090.2A 9104.1(k)(5)- inspection only)			

ADDITIONAL COMMENTS:

CORRECTIVE ACTION TAKEN:

Environmental Compliance Coordinator

Name: _____

Signature: _____

Date: _____