

Environmental Standard Operating Procedure	
Flare and Smoke Usage	
SF Director: Alicia Florez Signature:	Date:

PURPOSE.

The purpose of this Environmental Standard Operating Procedure (ESOP) is to provide environmental guidelines for performing flare and smoke usage (FSU) activities.

PROCEDURES.

Daily operations aboard Marine Corps Logistics Base Barstow (MCLB) and Maintenance Depot Marine Corps, Yermo (MDMC) require loading flares (countermeasures), breaking down spent casings, and storing spent casings at (MCLB Barstow and MDMC Yermo). Flares are a classified material because they are a safety hazard, therefore, must be managed properly to avoid impacts to human health and the environment. The aluminum casings are classified as a universal waste and recycled after use. All universal wastes must be stored in approved containers. Units should be equipped with approved containers and should contact the Environmental Division for replacement of or to request additional containers.

The following procedures apply:

1. Maintain loading checklist and manuals in locations known to all personnel.
2. Maintain required current training records and certifications for all personnel.
3. Maintain turnover folder information for this practice.
4. Wear appropriate protective personal equipment (PPE) including goggles, cranials, coveralls, and steel-toed boots as applicable.
5. Maintain fire extinguishers nearby in designated locations known to all personnel.
6. Conduct periodic maintenance in aircraft systems as needed or as specified in technical manual/instructions.
7. Collect aluminum casings and store in approved containers.
8. Ensure aluminum casings are crushed using manual press.
9. Maintain a daily logbook containing dates and times of training operation, total FSU expended during training operations, etc.

10. Use only collection containers equipped with covers for the collection and transfer of wastes and recyclable materials such as casings.
11. Identify drum and/or container with a universal waste label. Check the appropriate universal waste contents block identifying the contents and accumulation start date
12. Keep collection containers closed except when material is added to the container.
13. Contact Environmental Division if a new collection container is required.
14. The following records must be maintained and available for review for three years:
 - a. Training records and certifications for personnel.
 - b. Operation manuals and checklist.
 - c. Maintenance records.
 - d. Daily log books.
 - e. Inspection records.
15. Ensure that warning signs such as “No Smoking” and “No Radios” are clearly visible and legible from a distance of 100 feet in any direction.
16. Refer to Marine Corps Order (MCO) P5090.2A, Spill Response ESOP and Spill Prevention Containment & Countermeasures (SPCC) for MCLB Barstow/Yermo.
17. The Environmental Compliance Coordinator (ECC) shall coordinate with their supervisor/leadership to ensure personnel are designated to conduct operational and quarterly inspections. The ECC and Unit shall ensure deficiencies noted during the inspections are corrected immediately. Actions taken to correct each deficiency shall be recorded on the inspection sheet.
18. If there are any specific situations or other concerns not addressed by this procedure, contact the ED.

REFERENCES

- a. BO 11320.11F
- b. 40 CFR
- c. Title 22, California Code of Regulations
- d. MCO P5090.2
- e. Integrated Contingency Management Plan (ICMP) for MCLB Barstow

TRAINING

Unit personnel should be trained on all the provisions of this ESOP. All training must be requested through unit ECC or Environmental Compliance Branch.

All affected personnel must be trained in the following, as applicable:

- a. 40-hour Hazardous Waste Operations and Emergency Response Training (initial and annual)
- b. Hazard Communication training
- c. Hazardous Materials training
- d. On-the-job training
- e. Hazard Communication training
- f. 40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER) Course
- g. General Environmental Awareness training