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| Environmental Standard Operating Procedures (ESOP)                              |                        |
| Range Residue Processing (RAP)  |                        |
| Environmental Affairs (EA):<br>Range Sustainment Branch (RSB)<br>(760) 830-0302 | Revised 1 October 2023 |

Subj: RANGE RESIDUE PROCESSING

Ref: (a) CCO 5090.5D, Integrated Contingency and Operations Plan

1. Purpose. This document provides environmental protection guidelines for the management of the Range Residue Processing facility.

2. Application. This guidance applies to those personnel working within, around and at the Range Sustainment Branch facility aboard Marine Air Ground Task Force Training Command (MAGTFTC), Marine Corps Air Ground Combat Center (MCAGCC) Twentynine Palms. For further references to MAGTFTC, MCAGCC in this document, the term installation will be used.

3. Procedures. Collection and storage of hazardous material or waste in the form of range residue must be performed according to standard operating procedures. Collection and storage procedures are intended to prevent fires, safety hazards, pest harborage and other potential dangers to human health and the environment.

Activities in the Range Sustainment Branch facility must ensure that hazardous materials or wastes and other locally approved wastes or recyclable materials are segregated, stored, and disposed in approved containers. Local requirements prohibit the disposal of bulky items, pallets, and construction debris in solid waste containers. The installation utilizes trashcans, recyclable can receptacles, dumpsters, and roll-off receptacles for non-hazardous solid waste.

4. Operational Controls. The following controls apply:

a. Ensure personal protective equipment is readily available for handling and responding to hazardous material spills and leaks.

b. Ensure spill kits are maintained and readily available.

c. Ensure appropriate and serviceable fire extinguishers are available.

d. All current Permit to Operate (PTO) must be posted on site at all times.

e. Refer to Navy Marine Corps Manual 5100.8, Marine Corps OSH Manual, for guidance in the proper handling and storage of hazardous material.

f. Refer to Hazardous Waste Operations Manual, and applicable ESOP's for proper hazardous waste disposal procedures.

g. Refer to Aluminum Sweat Furnace PTO for requirements for proper Management.

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h. Recyclable material must be placed in proper recyclable collection Containers.

i. The illegal disposal of ammunition is prohibited.

j. Disposal of Material Presenting Potential of an Explosive Hazard (MPPEH) is prohibited.

k. Disposal of pressurized containers, such as aerosol cans, in solid Waste is not permitted.

l. Ensure fugitive dust PM-10 mitigation is adhered to.

m. If there are any specific situations or other concerns not Addressed by this procedure, contact the HWMB office at (760) 830-7244.

5. Documentation and Record Keeping. There are weekly inspection requirements for this ESOP.

6. Training. All affected personnel must be trained on this document and the following:

a. General Environmental Awareness training.

b. Globally Harmonized System training.

7. Emergency Preparedness and Response Procedures. Refer to reference (a) and spill response procedures listed in the Abatement ESOP.

8. Inspection and Corrective Action. The Environmental Compliance Coordinator (ECC) shall designate personnel to perform weekly 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.

Range Residue Processing — Inspection Checklist

|                   |              |
|-------------------|--------------|
| Date:             | Time:        |
| Installation:     | Work Center: |
| Inspector's Name: | Signature:   |

| Inspection Items   | Yes | No | Comments |
|--|-----|----|----------|
| 1. Are SDSs readily available and current?   |     |    |          |
| 2. Are all required Permit to Operate (PTO) Posted?  |     |    |          |
| 3. Are all requirements as they pertain to MCAGCC Aluminum Sweat Furnace management being followed?  |     |    |          |
| 4. Are all requirements as they pertain to MCAGCC AST management being followed?   |     |    |          |
| 5. Are the manufacturer, model/serial numbers, and rated horsepower of the generator's ICE the same as that specified on the PTO as it applies to Diesel operated equipment? |     |    |          |
| 6. Is the fuel system free of any leaks as it applies to diesel operated equipment?  |     |    |          |
| 7. Is the generator emissions opacity less than 20% (i.e., one can see through the smoke of the engine exhaust)?   |     |    |          |
| 8. Does the log specify the amount of the fuel used/delivered monthly?   |     |    |          |
| 9. Is the log kept current and maintained on-Site for a minimum of 2 years?  |     |    |          |
| 10. Is a spill kit located near potential Spill hazardous areas?   |     |    |          |
| 11. Is a fire extinguisher located near Potentially flammable materials?   |     |    |          |
| 12. Is PPE located near potential health Hazard areas?   |     |    |          |
| 13. Do all trash containers, with the exception of those in office spaces, have closed lids?   |     |    |          |
| 14. Are all solid wastes stored so they do not pose a fire, health, or safety  |     |    |          |
| 15. Are containers in good condition?  |     |    |          |
| 16. Are training and inspection records Maintained and available for inspection?   |     |    |          |

Additional Comments:

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Corrective Action Taken:

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Unit Inspector:

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