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| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Environmental Standard Operating Procedure | | | | | | | Originating Office: **MCAS Miramar Environmental Management Department** | Revision:  Version 2 | | Prepared By:  Environmental Management Department | | Approved By:  Vanessa Capestany | | File Name:  MHU-ESOP | | Effective Date: 1 Jan 2024 | | Document Owner: EMD | | |  |  |  |  |  |  |    Title:  MRE (Meal, Ready-to-Eat) Heater Disposal  **1.0 PURPOSE**  The purpose of this Standard Operating Procedure (SOP) is to provide environmental guidelines for the handling and disposal of MRE (Meal, Ready-to-Eat) heaters.  **2.0 APPLICATION**  This guidance applies to those individuals who handle or dispose of MRE heaters onboard Marine Corps Air Station (MCAS) Miramar.  **3.0 REFERENCES**   * MCO 5090.2 (USMC Environmental Compliance and Protection Manual) * NSN (National Stock Number): 8970-01-321-9153   **4.0 PROCEDURE**  **4.1    Discussion:**  MRE heaters that have not been properly activated must be disposed of as hazardous waste.  Disposing of an un-activated MRE heater in a solid waste container is against the law.  Un-activated MRE heaters pose a potential fire hazard if they become wet when turned in at a landfill site.  MRE heaters must be disposed of in approved solid waste containers aboard the installation after they have been properly activated.  **4.2    Operational Controls:**  The following procedures apply:  1.      Ensure SDSs are readily available and current.  2.      Individual user will only use and activate the MRE heater for its intended purpose and will discard the heater properly after activation.  3.      Ensure that un-activated MRE heaters are stored and disposed of as unused hazardous waste (HW).  4.      Label HM containers with its common name (i.e. Windex, Bleach, etc.).  5.      Do not store MRE heaters with or near any liquids.  MRE heaters are a water-reactive hazardous material.  6.      Do not place MRE heaters near an open flame.  Vapors released from activated heaters contain hydrogen, a flammable gas.  7.      Only activate MRE heaters in a well ventilated area.  Vapors released from activated MRE heaters can disperse oxygen.  8.      Ensure a compatible fire extinguisher is readily available.  9.      Ensure turnover folder information is kept for this Standard Operating Procedure.  **4.3    Documentation and Record Keeping:**  The following records must be maintained:  1.      SDSs for Hazardous Material being stored.  2.      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 Preparedness and Response Procedures:**  All personnel are to be trained by Unit Environmental Compliance Coordinator in the proper implementation of the unit’s Hazardous Material Management Procedures and Emergency Response Procedures.    **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.   |  |  | | --- | --- | | MRE Heaters Disposal– Inspection Checklist | | | Date: | Time: | | Installation: | Work Center: | | Inspector’s Name: | Signature: |      | Inspection Items | Yes | No | Comments | | --- | --- | --- | --- | | 1.      Are SDSs for MRE Heaters readily available and current? *(29 CFR 1910 )* |  |  |  | | 2.      Are MRE heaters being properly activated before being disposed of as solid waste? *( MRE SDS)* |  |  |  | | 3.      If MRE heaters are not activated, are they being properly disposed of as hazardous waste? |  |  |  | | 4.    Are all hazardous waste requirements being properly followed as they pertain to MRE heaters? |  |  |  | | 5.      Are training and inspection records maintained and available for inspection? *(MCO 5090.2)* |  |  |  | | 6.      Is a compatible fire extinguisher readily available?  *(MCO 5090.2)* |  |  |  |     **ADDITIONAL COMMENTS:**  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_    **CORRECTIVE ACTION TAKEN:**  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_    **Environmental Compliance Coordinator**  Name:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Signature:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Date:   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
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