

MCB Camp Pendleton Environmental Standard Operating Procedure



15 October 2020

Light Bulbs

Spent Light Emitting Diodes (LEDs), fluorescent, Compact Fluorescent Light (CFL), halogen, High Intensity Discharge (HID), mercury vapor and metal halide bulbs contain heavy metals at levels that are hazardous to human health and are considered hazardous waste in California. Management of hazardous wastes are subject to federal, state, and local laws and regulations. Incandescent light bulbs are not considered hazardous and can be disposed of in municipal trash receptacles.

Follow the management procedures below for proper management and disposal of LED, fluorescent, CFL, halogen, HID, mercury vapor and metal halide bulbs. If you encounter a bulb not listed in this ESOP, please contact the Hazardous Waste Section immediately for further instructions.

Management Procedure

1. Separate bulbs, by type, and store in closed containers in a manner that prevents breakage. It is a Best Management Practice to reuse the original bulb container/packaging for storage awaiting disposal, but other appropriately sized containers are acceptable.
2. Weigh intact fluorescent, HID, sodium, and metal halide bulb containers, as they are charged per pound.
3. Count intact halogen and LED bulbs, as they are charged by each bulb.
4. Collect and store broken bulbs in a separate container and segregate them as described above.
5. Light bulbs may be accumulated at either a satellite accumulation area or a 60-day accumulation site for up to nine months from the accumulation start date. However, containers may only be wasted out from a 60-day accumulation site.
6. Fill out and place a universal waste label on each container when the first light bulb is placed inside. The attached universal waste label can be printed out, placed in a document protector or zip lock bag, and taped to the container.
7. Record the number of bulbs or weight (depending upon type) on the container when it is full or reaches the nine month mark.
8. Contact Environmental Security (Hazardous Waste) at 760-725-4375/9742/1963/0213 or PNDL_ENV-Hazardous-Waste@usmc.mil for any additional information or for assistance with disposing of light bulbs.

References

1. California Code of Regulations, Title 22, Section 66273.33.
2. Hazardous Waste Management for Marine Corps Base Camp Pendleton (MCIWEST-MCB CAMPENO 5090.7A)

Use and Version Control: Camp Pendleton uses Environmental Standard Operating Procedures (ESOPs) to augment instructions contained in official orders and directives and, where necessary, to provide for sufficient control of the installation's significant practices. Camp Pendleton maintains the authoritative, current version of this and other ESOPs on the Camp Pendleton website at:

<http://www.pendleton.marines.mil/Staff-Agencies/Environmental-Security/>

UNIVERSAL WASTE

CONTENTS _____

ACCUMULATION START DATE _____

SHIPPER _____

ADDRESS _____

CITY, STATE, ZIP _____