

U.S. Army Garrison Hawaii – Environmental Compliance Guide

FLUORESCENT LAMPS

GENERAL INFORMATION

Fluorescent lamps (light bulbs) are used in most USAG-HI facilities. Many models contain hazardous chemicals, such as mercury, requiring special procedures for the disposal of the lamps. Safer, more environmentally friendly low mercury models have been manufactured in recent years. All light bulbs on the installation should be changed through the DPW Work Order desk. This will ensure that the low mercury bulbs are installed in all facilities.

POTENTIAL HAZARDS

Small quantities of mercury, antimony, cadmium, barium and lead are used to manufacture fluorescent bulbs and mercury vapor lamps, metal halide and high pressure sodium lamps.

WASTE CHARACTERIZATION

Used fluorescent lamps are UNIVERSAL WASTE.

HANDLING AND DISPOSAL PROCEDURES

Step 1: Place used fluorescent lamps in the original container. Box must be able to be closed (do not cut end out of box).

Step 2: Label the box with “UNIVERSAL WASTE LAMPS” and the “DATE”.

Step 3: Enter the number of bulbs on a Universal Waste Collection Log.

Step 4: Always **CLOSE THE BOX** (with tape) after adding bulbs/lamps.

Step 5: Contact the DPW Environmental Division *Waste Pickup Request Line (808) 656-0867* for pickup. The UNIVERSAL WASTE LAMPS must be turned-in within 6-months of the date they were collected as waste.

