

U.S. Army Garrison Hawaii – Environmental Compliance Guide

IMAGE INTENSIFIER TUBES (IIT) for NIGHT VISION GOGGLES (NVG)

GENERAL INFORMATION

Image intensifier tubes (IIT) are devices used to increase the intensity of available light in Night Vision Goggles (NVG) to increase visual imaging in low light conditions. Second and third generation IITs must be demilitarized and disposed when they have been determined to be beyond their useful life and not covered by warranty.

POTENTIAL HAZARDS

IITs which perform below the Army standard are turned in for disposal; however, these tubes retain some level of useful performance. It has been decided that second and third generation IITs which do not meet the required level of performance must be demilitarized, in order to prevent pilferage/assembly by unauthorized persons.

WASTE CHARACTERIZATION

Demilitarized IITs contain levels of lead and cadmium that exceed the EPA's acceptable levels for disposal in the general refuse so they must be disposed of as a HAZARDOUS WASTE.

HANDLING AND DISPOSAL PROCEDURES

IITs must be demilitarized prior to disposal IAW the CECOM Safety Office's "Operational Guidelines for Demilitarization and Disposal of Image Intensifier Tubes". This instruction can be obtained from the DPW Environmental Inspectors.

Step 1: Contact the unit Supply Support Activity (SSA) to make an appointment to demilitarize the IITs at the SSA.

Step 2: Demilitarize the IITs **at the unit SSA** IAW the demilitarization instructions. Under no circumstances will unit personnel demilitarize IITs at the unit location (e.g. motorpool, company area). Two unit personnel are needed to accomplish the demilitarization procedure.

Step 3: Obtain a demilitarization certification form from the DPW TAP (808) 656-0866. Complete one form for each IIT NSN. One soldier must sign the form as the certifier and the other as the verifier.

Step 4: Turn-in the IITs along with the demilitarization certificates to the SSA ECO who will label them HAZARDOUS WASTE and store them in the HWSSP.

Step 5: The SSA ECO will call DPW Environmental *Waste Pickup Request Line (808) 656-0867* to schedule a pickup of the IITs.

