

PER-245

Secondary Screener/Radiation Isotope Identifier Device

This course is designed to train the Preventive Radiological/Nuclear Detection (PRND) mission using a radio-isotope identification device (RIID) to perform a secondary radiological assessment. Secondary Screeners operate RIIDs to detect radiation, verify the alarm, localize the source of radiation, measure the radiation level, identify radioactive isotopes, and assess the threat status of detected material. Participants employ the RIID to help adjudicate potential threats regarding situations with people, vehicles, packages, and facilities.

This course uses sealed radioactive sources that are representative of the types of radioactive material which may be encountered in the public domain. Additionally, participants gain knowledge working with technical reachback assistance.

Course Objectives

- Identify the core elements of Secondary Screener knowledge, skills and abilities.
- Describe the RIID operation and, using the RIID and Field Operations Guide, perform the Alarm Response Guide steps to detect, verify, locate, measure, identify, and assess radiological sources, and transfer spectral data files to a personal computer.
- Describe the capabilities of the Domestic Nuclear Detection Office (DNDO) Joint Analysis Center (JAC) reachback resources.

Target Audience/Discipline

Law Enforcement, Fire Service, Hazardous Materials, Search and Rescue, Transportation Security, and others performing duties as a secondary screener.

Eligibility

It is the responsibility of the jurisdiction to select course participants.

Location

Participant site

Cost

All training and course materials are provided at no cost to eligible participants.

Compliance

This course complies with ANSI N42.37-2006, "American National Standard for Training Requirements for Homeland Security Purposes Using Radiation Detector Instrumentation for Interdiction and Prevention."

Enrollment Information

In order to attend a training class delivered by one of the FEMA/NPD training partners, a request must be submitted to the designated U.S. Department of Homeland Security training point of contact. For a Training Coordinator in your area, please call 877.963.2867 or email ctosmttreg@nv.doe.gov.

Min/Max Enrollment: **16-18**

Hours: **14 hours (2 Days)**

Format: **Mobile**

DHS Course #: **PER-245**

Prerequisites:

PER-243 PS/Personal Radiation Detector Course

Recommended Prerequisites:

AWR-140/AWR-140-W
Introduction to Radiological/Nuclear WMD Operations



Honolulu Fire Department conducts secondary screening during a training exercise - CTOS/NNSA