

PER-247

Secondary Screener/Radiation Detection Kit Operations and Strategies Course

This course focuses on the operation and employment of the Radiation Detection Kit (RDK) in support of the Preventive Radiological/Nuclear Detection (PRND) mission. Responders are taught how to conduct a secondary screener investigation of elevated radiation levels and alarms using the radiation detection instruments and accessories contained in the RDK. Participants learn to detect radiation, verify alarms, localize the source of radiation, identify radioactive isotopes, and assess the threat status of detected material in facilities, packages, and vehicles.

Sealed radioactive sources are used during drills and practical exercises. These sources are intended to simulate types of radioactive material that may be encountered in the public domain. Course content includes a Secondary Screener's role in the Global Nuclear Detection Architecture and the National Preparedness Core Capabilities.

Course Objectives

- Assemble and operate the issued RDK in a classroom environment.
- Deploy the issued RDK in a simulated tabletop environment.

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: **24**

Hours: **7 hours (1 Day)**

Format: **Mobile**

DHS Course #: **PER-247**

Prerequisites: **N/A**

Recommended Prerequisites:

- **AWR-140/AWR-140-W** Introduction to Radiological/Nuclear WMD Operations
- **AWR-224-W** Secondary Screener Radiation Detection Kit Components and Controls
- **PER-243** PS/Personal Radiation Detector Course
- **PER-245** Secondary Screener/Radiation Isotope Identifier Device Course or equivalent training and/or experience



Using the FH40 to survey for radiation—CTOS/NNSA