

PER-349

Preventive Radiological/Nuclear Detection Backpack Refresher

This refresher course reviews the basic operation and employment of a Backpack radiation detection system, wide area sweeps and facility operations. The course is designed to provide current PRND operators with updates in technology and the PRND mission. The course may be taught in conjunction with other PRND refreshers and/or followed by a Radiation Instrument Employment course, allowing hands-on operations using radioactive material and agency specific backpacks. CTOS provides instruments for training purposes; attendees are encouraged to bring their own department's instruments if possible. This course uses sealed radioactive sources to provide realism.

Objectives

- Distinguish the differences between the capabilities of the Backpack and other typed Preventive Radiological/Nuclear Detection (PRND) equipment.
- Summarize the Backpack Operator's considerations when receiving a neutron alarm.
- Examine the common characteristics and standard components of Backpack detectors

Target Audience/Discipline

This course trains State, Local, Territorial, and Tribal (SLTT) law enforcement, fire department, first responders, and others who are members of jurisdictions engaged in PRND operations as Primary Screeners.

Eligibility

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

Prerequisites:

- AWR-140 Introduction to Radiological/Nuclear WMD Operations or
- PER-243 Primary Screener/ Personal Radiation Detector (PRD) Course or equivalent training as a Primary Screener in PRD operations
- PER-246 PRND Backpack Operations for the Primary Screener or equivalent training in Backpack operations

Cost

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

Enrollment Information

To attend a training class delivered by CTOS-Center for Radiological/Nuclear Training, contact a training coordinator at 877.963.2867 or email ctosreg@nv.doe.gov.

Hours: 2

Format: Mobile

DHS Course #: PER-349

