



## PER-246 Preventive Radiological/Nuclear Detection Backpack Operations for the Primary Screener

### Description:

This course is designed to train the Preventive Radiological/Nuclear Detection (PRND) mission using Human portable radiation detection systems (Pack Eyes) to perform a preliminary radiological assessment. Responders operate Pack Eyes to detect radiation, verify the radiation alarm, localize the source of radiation, measure the radiation level, and assess the threat status of the situation. Participants employ the Pack Eyes to help adjudicate potential threats involving people, vehicles, packages, and facilities.

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

### Course Objectives:

- Describe the fundamentals of radiation that apply to Primary Screeners
- Operate the Pack Eyes under simulated field conditions
- Employ the Pack Eyes to detect, verify, locate, measure, and assess the radiation level of unknown radiological materials in facilities, vehicles, packages, and on people

### Prerequisites:

- PER-243 Personal Radiation Detector (PRD) Course or have equivalent training as both a Primary Screener and in PRD operations
- You must be a US Citizen to take this course. **If you are not please let us know by email for further instruction at [OEM.TRAINING@DHSES.NY.GOV](mailto:OEM.TRAINING@DHSES.NY.GOV)**
- All participants must have a FEMA Student Identification (FEMA SID) number. Students can search for their existing/create a new FEMA SID at <https://cdp.dhs.gov/femasid/>

**Length:** 4 Hours

### Target Audience:

- Law Enforcement
- Fire Service
- HazMat Personnel

### Cost:

There is no fee for the course. Other cost considerations are detailed in each LMS course offering.

### Signup Details:

Register through the New York State DHSES Learning Management System. Access the LMS through the link on the calendar webpage.