



Course Description

PER-388 RADIOLOGICAL OPERATIONS SUPPORT SPECIALIST

Description:

This program trains radiological specialists to become candidates for the position of Radiological Support Specialist (ROSS) based on the performance capabilities for the National Incident Management System (NIMS) Typed position. Topics include:

- Radiological and Nuclear Emergency Response Mission Framework: Operations and Response Guidelines
- Response Resources
- Communicate Radiological Risk Information Effectively
- Health Physics and Dose Calculation Tasks
- Regulations, Recommendations, and Guidance
- Incident Characteristics
- Radiological Environmental Monitoring and Sampling Operations to Support Radiation Incident Scenarios
- Release and Transport Modeling and Software Tools
- Provide Radiological Support to Operations
- Mobilization and Demobilization

Course Objectives:

- Summarize the actions necessary for the Radiological Operations Support Specialist (ROSS) to perform in the radiological response mission
- Coordinate between various state, local, and federal agencies to assist in the effective and efficient use of resources
- Understand how to use suitable communication techniques to share radiological risk information with appropriate Incident Command System (ICS) personnel and the general public
- Identify the health physics and dose calculation tasks to be performed in radiological incidents
- Identify the appropriate publications that provide regulations and guidance recommendations to protect the public, Responders, and the environment from exposure to radiological materials
- Summarize the characteristics of a Radiological Dispersal Device (RDD), a Nuclear Power Plant (NPP) radiological release, and a nuclear detonation and the response mission considerations
- Identify the environmental monitoring and sampling tasks to be performed in a radiological release incident
- Identify the radiological material release and transport modeling tools used by the Radiological Operations Support Specialist (ROSS) in an incident
- Summarize the tasks performed by the Radiological Operations Support Specialist (ROSS) in support of the Incident Command structure
- Generalize the ROSS roles and responsibilities

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

Length: 32 Hours

Target Audience:

- Emergency Management
- Emergency Medical Services
- Fire Service
- Hazardous Material
- Law Enforcement
- Health Care
- Public Health
- Public Safety
- Communications
- Agriculture
- Security and Safety
- Search & Rescue

Cost:

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

Prerequisites:

- IS-100: Introduction to the Incident Command System
- IS-200: Basic Incident Command System for Initial Response
- IS-700: An Introduction to the National Incident Management System
- IS-800: National Response Framework, an Introduction
- CTOS PER-307 Introduction to IND Efforts and Response Strategies
- 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
- 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/>.