

PREVENTIVE RADIOLOGICAL NUCLEAR DETECTION SCREENER

TYPE	TYPE 1	TYPE 2
DESCRIPTION	<p>The NIMS Type 1 PRND Screener:</p> <ol style="list-style-type: none"> 1. Functions as the Secondary Screener during steady state or enhanced steady state operations 2. Uses isotope identification detection equipment and investigative techniques to identify and investigate an event 3. Works with the Primary Screener to perform secondary screening tasks to include: <ol style="list-style-type: none"> a. Collection of spectra b. Isotopes identification c. Reachback 	<p>The National Incident Management System (NIMS) Type 2 Preventive Radiological Nuclear Detection (PRND) Screener:</p> <ol style="list-style-type: none"> 1. Serves as the Primary Screener and operates during steady-state or enhanced steady-state operations 2. Is the initial point of radiation detection and has first contact with a conveyance, individual, or shipment 3. Uses radiological nuclear detection equipment to perform the following functions: <ol style="list-style-type: none"> a. Detect b. Verify c. Locate d. Measure e. Assess f. Adjudicate or elevate 4. Interfaces with Secondary Screeners as necessary, such as when an elevated alarm necessitates secondary screening
CATEGORY	CRITERIA	CRITERIA
EDUCATION	Not Specified	Not Specified
	NOTES: Not Specified	
TRAINING	<p>Same as Type 2, PLUS:</p> <p>Completion of one of the following:</p> <ol style="list-style-type: none"> 1. PER-245: Secondary Screener/Radiation Isotope Identifier Device (SS/RIID) Course OR 2. Domestic Nuclear Detection Office (DNDO) PRND Primary and Secondary QuickStart Training 	<p>Completion of the following:</p> <ol style="list-style-type: none"> 1. IS-100: Introduction to Incident Command System, ICS-100 2. IS-200: Incident Command System for Single Resources and Initial Action Incidents 3. IS-700: National Incident Management System, An Introduction 4. Basic (BAS)-2150: Basic Principles of Radiation 5. One of the following: <ol style="list-style-type: none"> a. Awareness (AWA)-140: Weapons of Mass Destruction (WMD) Radiological/Nuclear (R/N) Awareness Course (instructor-led training or web-based training), or AWA - 1801: Visual Indicators of R/N Material, or b. Field Operations (FOP)-3200 (listed as DHS-019-PREV): Primary Screening, or Performance (PER)-243: Personal Radiation Detector (PRD) Course
	<p>NOTES: These courses are a combination of DNDO- and Counterterrorism Operations Support (CTOS)-developed and delivered training. The Federal Emergency Management Agency (FEMA), National Preparedness Directorate (NPD), National Training and Education Division Federal Sponsored Course Catalog lists all DNDO and CTOS courses.</p>	

Superseded

TYPE	TYPE 1	TYPE 2
EXPERIENCE	<p>Same as Type 2, PLUS:</p> <ol style="list-style-type: none"> 1. Performs Radiation Isotope Identifier Device (RIID) advanced operations, including collecting and transmitting spectra and data to reachback 2. Performs secondary screening operations and adjudicates non-threat alarms within a reasonable timeframe 3. Familiarity with radiological operations pertaining to the Secondary Screener position 4. Determines the appropriate half-life of radioisotopes <p>Experience: Completion of the Secondary Screener PTB or AHJ equivalent</p>	<p>Knowledge, skills, and abilities:</p> <ol style="list-style-type: none"> 1. Performs PRD operations 2. Understands equipment limitations under diverse environmental conditions <p>Experience: Completion of the Primary Screener Position Task Book (PTB) or Agency Having Jurisdiction (AHJ) equivalent</p>
	NOTES: The AHJ should document and validate knowledge, skills, and abilities.	
PHYSICAL/MEDICAL FITNESS	<p>Same as Type 2</p>	<ol style="list-style-type: none"> 1. Performs duties under arduous circumstances characterized by working consecutive 12-hour days under physical and emotional stress for sustained periods 2. Maintains AHJ-determined medical and fitness standards
	NOTES: Not Specified	
CURRENCY	<p>Same as Type 2, PLUS:</p> <ol style="list-style-type: none"> 1. Participates as a designated Secondary Screener in annual PRND operations, including real events, exercises, or drills 2. Quarterly proficiency check to include acquiring three spectra (background, known source, and unknown source), downloading of files, proper naming of files, and transmitting of data to reachback. 	<ol style="list-style-type: none"> 1. Participates as a designated Primary Screener in annual PRND operations, including real events, exercises, or drills 2. Biannual (every six months) completion of refresher training on mission, position updates, and equipment operation
	NOTES: Not Specified	
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	Not Specified	Not Specified
	NOTES: Not Specified	

Superseded

ORDERING SPECIFICATIONS OR DESIGNATIONS

1. (X) Can be ordered as an individual asset
2. () Can be ordered in conjunction with a NIMS typed team
3. () Can be ordered in conjunction with a NIMS typed unit
4. Discuss logistics for this position (such as security, lodging, transportation, and meals) prior to deployment.
5. This position works up to 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days.

REFERENCES

1. FEMA, NIMS 508-6: Personal Radiation Detector
2. FEMA, NIMS 508-6: Radio-Isotope Identification Device
3. FEMA, NIMS 508-6: Human-Portable Radiation Detector Backpack
4. FEMA, NIMS 508-6: Vehicle-Mounted Radiological Nuclear Detection System
5. Federal Emergency Management Agency National Preparedness Directorate National Training and Education Division Federal Sponsored Course Catalog, August 2014

NOTES

Nationally typed resources represent the minimum criteria for the associated category.

Superseded