

PREVENTIVE RADIOLOGICAL NUCLEAR DETECTION SCREENER

RESOURCE CATEGORY	Prevention
RESOURCE KIND	Personnel
OVERALL FUNCTION	The Preventive Radiological Nuclear Detection (PRND) Screener serves as the primary screener and operates during steady-state or enhanced steady-state operations
COMPOSITION AND ORDERING SPECIFICATIONS	<ol style="list-style-type: none"> 1. This position can be ordered as a single resource. 2. Discuss logistics for this position, such as working conditions, length of deployment, security, lodging, transportation, and meals prior to deployment.

Each type of resource builds on the qualifications of the type below it. For example, Type 1 qualifications include the qualifications in Type 2, plus an increase in capability. Type 1 is the highest qualification level.

COMPONENT	TYPE 1	TYPE 2	NOTES
DESCRIPTION	The NIMS Type 1 PRND Screener: <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 	The National Incident Management System (NIMS) Type 2 PRND Screener: <ol style="list-style-type: none"> 1. Is the initial point of radiation detection and has first contact with a conveyance, individual, or shipment 2. 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 3. Interfaces with Secondary Screeners as necessary, such as when an elevated alarm necessitates secondary screening 	Not Specified
EDUCATION	Not Specified	Not Specified	Not Specified



Position Qualification for Screening, Search, and Detection Prevention

COMPONENT	TYPE 1	TYPE 2	NOTES
TRAINING	<p>Same as Type 2, PLUS: Completion of one of the following: 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>	<p>Completion of the following: 1. IS-100: Introduction to Incident Command System, ICS-100 2. IS-200: Basic Incident Command System for Initial Response, ICS-200 3. IS-700: National Incident Management System, An Introduction 4. Basic (BAS)-2150: Basic Principles of Radiation 5. One of the following: 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>	<p>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>
EXPERIENCE	<p>Same as Type 2, PLUS: 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> <p>Experience: Completion of the Secondary Screener PTB or AHJ equivalent</p>	<p>Knowledge, skills, and abilities: 1. Performs PRD operations 2. Understands equipment limitations under diverse environmental conditions</p> <p>Experience: Completion of the Primary Screener Position Task Book (PTB) or Agency Having Jurisdiction (AHJ) equivalent</p>	<p>The AHJ should document and validate knowledge, skills, and abilities.</p>
PHYSICAL/MEDICAL FITNESS	<p>Same as Type 2</p>	<p>1. Arduous 2. Maintains AHJ-determined medical and fitness standards</p>	<p>The NIMS Guideline for the National Qualification System (NQS) defines Physical/Medical Fitness levels for NIMS positions.</p>
CURRENCY	<p>Same as Type 2, PLUS: 1. Participates as a designated Secondary Screener in annual PRND operations, including operational incidents, planned events, exercises, drills, or simulations 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</p>	<p>1. Participates as a designated Primary Screener in annual PRND operations, including operational incidents, planned events, exercises, drills, or simulations 2. Biannual (every six months) completion of refresher training on mission, position updates, and equipment operation</p>	<p>Not Specified</p>



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COMPONENT	TYPE 1	TYPE 2	NOTES
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	Not Specified	Not Specified	Not Specified



NOTES

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

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
6. FEMA, National Incident Management System (NIMS), October 2017
7. FEMA, NIMS Guideline for the National Qualification System (NQS), November 2017