



## RADIOLOGICAL EMERGENCY PREPAREDNESS PROGRAM EXERCISE EVALUATOR

<b>RESOURCE CATEGORY</b>	Fire/Hazardous Materials
<b>RESOURCE KIND</b>	Personnel
<b>OVERALL FUNCTION</b>	Provides a written evaluation of a Radiological Emergency Program (REPP) exercise.
<b>COMPOSITION AND ORDERING SPECIFICATIONS</b>	<ol style="list-style-type: none"> <li>1. This position can be ordered as a single resource.</li> <li>2. Discuss logistics for deploying this position, such as working conditions, length of deployment, security, lodging, transportation and meals, prior to deployment.</li> <li>3. Requestor specifies any additional qualifications necessary, based on incident complexity and needs.</li> <li>4. Requestor specifies specialty area when ordering</li> </ol>

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	TYPE 3	NOTES
<b>DESCRIPTION</b>	<ol style="list-style-type: none"> <li>1. Serves as an Incident/Exercise Lead Evaluator</li> <li>2. Leads and supervises a team of evaluators and data collectors, managing a comprehensive data collection and analysis effort</li> <li>3. Builds data collection / evaluation plan to include the development of incident/exercise evaluation guides, integrates evaluation components within overall incident response or exercise plan, and trains evaluation team</li> <li>4. Aggregates all evaluation data, compares it to set of performance objectives, and performs and reviews root-cause analyses</li> <li>5. Facilitates incident/exercise hot washes and/or debriefs, eliciting feedback and input from all types of personnel</li> <li>6. Serves as lead author for an after-action report and other required evaluation products that diplomatically convey complex, potentially politically sensitive issues</li> </ol>	<ol style="list-style-type: none"> <li>1. Serves as an Incident/Exercise Evaluator</li> <li>2. Observes and collects qualitative and quantitative information during an incident or exercise</li> <li>3. Synthesizes collected data, evaluates observations against performance standards, and assesses activities and observations as strengths and/or areas for improvement</li> <li>4. Performs root-cause analyses on assessed issues</li> <li>5. Has one or more of these technical specializations:               <ol style="list-style-type: none"> <li>a. Emergency Operations Center / Command Post (EOC/CP)</li> <li>b. Dose Assessment</li> <li>c. Field Monitoring / Sampling Teams (FM/ST)</li> <li>d. Laboratory</li> <li>e. Medical Services / Monitoring</li> <li>f. Emergency Worker (EW)</li> <li>g. Reception Center</li> <li>h. Public Information</li> </ol> </li> </ol>	<ol style="list-style-type: none"> <li>1. Serves as an Incident/Exercise Data Collector</li> <li>2. Observes incident or exercise and takes detailed notes on actions to inform evaluation efforts</li> <li>3. Evaluates core capabilities, as the REPP Manual describes, in an Emergency Operations Center setting</li> </ol>	Not Specified



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COMPONENT	TYPE 1	TYPE 2	TYPE 3	NOTES
<b>EDUCATION</b>	Not Specified	Education for specialty area: Laboratory 1. Bachelor's degree in Health Physics or related field	Not Specified	Not Specified
<b>TRAINING</b>	Same as Type 2, PLUS: 1. ICS-300: Intermediate Incident Command System for Expanding Incidents 2. ICS-400: Advanced Incident Command System for Command and General Staff - Complex Incidents	Same as Type 3, PLUS: 1. PER-905: Advanced Radiological Incident Operations, or equivalent 2. Completion of Specialty Area Training: EOC/CP 1. IS-130: How to be an Exercise Evaluator 2. IS-240: Leadership and Influence 3. IS-241: Decision Making and Problem Solving 4. IS-242: Effective Communication 5. IS-251: Integrated Public Alert and Warning System (IPAWS) for Alerting Administrators 6. IS-703: National Incident Management System Resource Management 7. IS-2200: Basic Emergency Operations Center Functions 8. E/G/L 0191: Emergency Operations Center/Incident Command System Interface 9. AWR-140: Introduction to Radiological Nuclear WMD Operations 10. E/L/K 0146: Homeland Security Exercise and Evaluation Program Training Course OR Dose Assessment 11. Radiological Assessment System for Consequence Analysis (RASCAL) Training 12. FRMAC/CM Liaison Fundamentals LN-100 13. PER 316 Radiological Accident Assessment 14. FRMAC/CM Liaison Skills (Continued)	Completion of the following: 1. IS-100: Introduction to the Incident Command System, ICS-100 2. IS-120: An Introduction to Exercises 3. IS-200: Basic Incident Command System for Initial Response, ICS-200 4. IS-230: Fundamentals of Emergency Management 5. IS-235: Emergency Planning 6. IS-700: National Incident Management System, An Introduction 7. IS-800: National Response Framework, An Introduction 8. PER-314: REP Exercise Evaluator 9. AWR-317: REP Core Concepts 12 hour 10. AWR 352: REP Plan Core Concepts Course 11. MGT-445: REP Plan Review 24 hour 12. PER-904: Radiological Emergency Response Operations, or equivalent 13. AWR-923-W: Radiological Emergency Management	Not Specified



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COMPONENT	TYPE 1	TYPE 2	TYPE 3	NOTES
<p><b>TRAINING</b></p>		<p>(Continued)            Laboratory LN-200            OR            FM/ST            1. ORAU Air Sampling for Radioactive Materials            2. ORISE Environmental Monitoring            OR            Laboratory            1. ORAU Air Sampling for Radioactive Materials            2. ORISE Environmental Monitoring            3. ORISE Gamma Spectroscopy            OR            Medical Services/Monitoring            1. IS-5: An Introduction to Hazardous Materials            2. IS-405: Overview of Mass Care/Emergency Assistance            3. REACT/S Radiation Emergency Medicine            4. Training in accordance with OSHA 29 CFR Part 1910.120: Hazardous Waste Operations and Emergency Response, Operations Level            OR            EW Decontamination / Monitoring            OR            Reception Center            OR            Public Information            1. IS-29: Public Information Officer Awareness            2. IS-702: NIMS Public Information Systems            3. G-290: Public Information Officer - Basic, or Federal equivalent            4. G-291: JIS/CS for Tribal, State and local Public Information Officers, or Federal equivalent</p>		



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COMPONENT	TYPE 1	TYPE 2	TYPE 3	NOTES
<b>EXPERIENCE</b>	<p>Knowledge, Skills, and Abilities</p> <ol style="list-style-type: none"> <li>1. Knowledge of exercise budget and planning software</li> <li>2. Knowledge of how to submit requests for contractors</li> </ol> <p>Experience</p> <ol style="list-style-type: none"> <li>1. Completion of ten evaluations as a Type 2 REPP Incident/Exercise Evaluator</li> <li>2. Successful completion of the National Qualification System (NQS) Position Task Book (PTB) for the Type 1 REPP Incident/Exercise Evaluator, or equivalent Authority Having Jurisdiction (AHJ) documentation</li> </ol>	<p>Knowledge, Skills, and Abilities</p> <ol style="list-style-type: none"> <li>1. Knowledge of current evaluation software</li> </ol> <p>Experience</p> <ol style="list-style-type: none"> <li>1. Experience serving as a Type 3 REPP Incident/Exercise Evaluator for three incidents or exercises</li> <li>2. Successful completion of the PTB for the Type 2 REPP Incident/Exercise Evaluator, or equivalent AHJ documentation</li> <li>3. Successful completion of experience in a specialty area: EOC/CP               <ol style="list-style-type: none"> <li>1. Operational experience in an Emergency Operation Center or Incident/Forward Command Post</li> </ol> </li> </ol> <p>OR</p> <p>Dose Assessment</p> <ol style="list-style-type: none"> <li>1. Five years of experience as a Qualified Dose Assessor in licensee or State Radiological Emergency Preparedness Program, or in a related industry</li> </ol> <p>OR</p> <p>FM/ST</p> <ol style="list-style-type: none"> <li>1. Three years of experience in a state, local, or licensee Health Physics-related field, or in a related industry</li> </ol> <p>OR</p> <p>Laboratory</p> <ol style="list-style-type: none"> <li>1. Two years of experience with state, local, or licensee FMTs</li> <li>2. Two years of experience working in a radiation analysis laboratory, radio-chemist laboratory or counting</li> </ol> <p>OR</p> <p>Medical Services / Monitoring</p> <ol style="list-style-type: none"> <li>1. Experience in monitoring,</li> </ol> <p>(Continued)</p>	<p>Successful completion of the PTB for the Type 3 REPP Incident/Exercise Evaluator, or equivalent AHJ documentation</p>	<p>Not Specified</p>



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COMPONENT	TYPE 1	TYPE 2	TYPE 3	NOTES
<b>EXPERIENCE</b>		(Continued) decontamination, reception and medical treatment of radiologically contaminated patient practices OR EW Decontamination / Monitoring OR Reception Center OR Public Information 1. Experience with public information activities		
<b>PHYSICAL / MEDICAL FITNESS</b>	Same as Type 2	Same as Type 3	Light	Not Specified
<b>CURRENCY</b>	Same as Type 2	Functions in this position during a qualifying incident, planned event, exercise, drill or simulation at least once every two years	Not Specified	Not Specified
<b>PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS</b>	Not Specified	Not Specified	Not Specified	Not Specified



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## NOTES

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

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## REFERENCES

1. FEMA, Position Task Book for Incident/Exercise Evaluator, pending publication
2. National Qualification System (NQS) Guide, November 2017
3. FEMA, National Incident Management System (NIMS), October 2017
4. Homeland Security Exercise and Evaluation Program (HSEEP), January 2020
5. Radiological Emergency Preparedness Program (REPP) Manual January 2016
6. Credentialing Framework Technological Hazards Division (THD) REPP Draft July 2016
7. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.120: Hazardous Waste Operations and Emergency Response