



POST-DISASTER BUILDING SAFETY EVALUATOR

RESOURCE CATEGORY	Emergency Management
RESOURCE KIND	Personnel
OVERALL FUNCTION	<p>The Post-Disaster Building Safety Evaluator (Building Safety Evaluator) conducts Rapid Evaluations or Detailed Evaluations of buildings in incident areas, in accordance with Applied Technology Council (ATC) ATC-20-1 and ATC-45 guidance:</p> <ol style="list-style-type: none"> 1. Rapid Evaluation: Provides an initial general evaluation of damage and safety and quickly identify and post unsafe and apparently safe structures, and to identify buildings requiring Detailed Evaluation or necessary restrictions on building use 2. Detailed Evaluation: Provides a careful visual examination of the building and its structural system and to evaluate questionable buildings, to identify necessary restrictions on building use or to identify the need for an Engineering Evaluation
COMPOSITION AND ORDERING SPECIFICATIONS	<ol style="list-style-type: none"> 1. This position can be ordered as a single resource or in conjunction with a NIMS typed team (Post-Disaster Building Safety Evaluation Team). 2. Discuss logistics for deploying this position, such as working conditions, length of deployment, security, lodging, transportation, and meals, prior to deployment 3. Requestor orders or provides a Post-Disaster Building Safety Evaluation Strike Team Leader for administrative and logistics oversight 4. Requestor orders or provides a Post-Disaster Building Safety Evaluation Team Technical Supervisor to manage and oversee this position 5. This position does not escort residents or provide cost estimates, advice on repairs/rebuilding, or design services

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
DESCRIPTION	Same as Type 2, PLUS: Leads Detailed Evaluations, in accordance with ATC-20-1 and ATC-45 guidance	Same as Type 3, PLUS: Leads Rapid Evaluations of buildings in incident areas, in accordance with ATC-20-1 and ATC-45 guidance	The Type 3 Building Safety Evaluator: Assists with Rapid Evaluations or Detailed Evaluations of buildings in incident areas, in accordance with ATC-20-1 and ATC-45 guidance	Not Specified
EDUCATION	Not Specified	Not Specified	Not Specified	Not Specified



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COMPONENT	TYPE 1	TYPE 2	TYPE 3	NOTES
TRAINING	Same as Type 2	Same as Type 3	Completion of the following: 1. IS-100: Introduction to the 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. IS-800: National Response Framework, An Introduction 5. One of the following: a. International Code Council (ICC) When Disaster Strikes Institute b. California Office of Emergency Services (Cal OES) Safety Assessment Program (SAP) c. ATC-20 and ATC-45 programs with additional concepts of operations training	Not Specified
EXPERIENCE	Same as Type 2, PLUS: Experience: Five years of experience in building design and analysis, including evaluation of existing buildings, field investigation, and construction observation	Same as Type 3	Knowledge, Skills, and Abilities: 1. Knowledge of the methodology and practices associated with: a. Evaluating existing structures or b. Field investigation or c. Construction observation or d. General construction 2. Ability to use GPS Experience: Four years of experience in building design or analysis, including evaluation of existing buildings, field investigation, or general construction, construction observation, or inspection experience	Bachelor's in civil or structural engineering or related field or a bachelor's in architecture or related field may be substituted for Type 3 experience at the AHJ's discretion.
PHYSICAL/MEDICAL FITNESS	Same as Type 2	Same as Type 3	Moderate	NIMS Guideline for the National Qualification System (NQS) defines Physical/Medical Fitness levels for NIMS positions.
CURRENCY	Same as Type 2	Same as Type 3	Completes all necessary refresher trainings or exams for training courses listed above; completes all necessary recertifications	Not Specified



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COMPONENT	TYPE 1	TYPE 2	TYPE 3	NOTES
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	Currently licensed as one of the following: 1. Structural Engineer 2. Professional Engineer with a specialization in structures 3. Registered Architect 4. AHJ-approved equivalent of one of the above certifications	Currently holds one or more of the following certifications: 1. Building Inspector - ICC 2. Building Plans Examiner - ICC 3. Combination Inspector -ICC 4. Certified Building Official - ICC 5. Commercial Building Inspector - ICC 6. Master Code Professional - ICC 7. Residential Building Inspector - ICC 8. Residential Combination Inspector - ICC 9. Combination Dwelling Inspector - ICC 10. Combination Plans Examiner - ICC 11. Combination Plans Examiner - ICC 12. Building Code Official - ICC 13. Construction Inspector Division II - American Construction Inspectors Association (ACIA) 14. California Division of the State Architect (DSA) Class 1 & 2 and Office of Statewide Health Planning and Development (OSHPD) Class A 15. Certified public works inspectors with a Construction Inspector Division IV certificate - ACIA 16. Professional Engineer 17. Registered Architect 18. AHJ-approved equivalent of one of the above certifications	Not Specified	Not Specified



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NOTES

1. Nationally typed resources represent the minimum criteria for the associated component.
2. This document contains links or references to non-Federal resources and materials. Such non-Federal references are for informational purposes only and do not constitute an endorsement by the Federal Emergency Management Agency, the U.S. Department of Homeland Security, or any of its employees.

REFERENCES

1. FEMA, NIMS 508: Post-Disaster Building Safety Evaluation Team
2. FEMA, NIMS 509: Post-Disaster Building Safety Evaluation Strike Team Leader
3. FEMA, NIMS 509: Post-Disaster Building Safety Evaluation Team Technical Supervisor
4. FEMA, National Incident Management System (NIMS), October 2017
5. FEMA, NIMS Guideline for the NQS, November 2017
6. FEMA, National Response Framework, June 2016
7. FEMA, P-2055: Post-disaster Building Safety Evaluation Guidance, latest edition adopted
8. Disaster Recovery Reform Act of 2018, Pub. L. 115-254, Division D, § 1241(b)
9. Applied Technology Council (ATC), ATC-20-1: Field Manual: Postearthquake Safety Evaluation of Buildings, latest edition adopted
10. ATC, ATC-45: Field Manual: Safety Evaluation of Buildings after Windstorms and Floods, latest edition adopted
11. California Office of Emergency Services (Cal OES) Safety Assessment Program (SAP)
12. International Code Council (ICC), When Disaster Strikes Institute