

POST-DISASTER COMPLEX STRUCTURAL CONDITION EVALUATOR

RESOURCE CATEGORY	Emergency Management
RESOURCE KIND	Not Specified
OVERALL FUNCTION	The Post-Disaster Complex Structural Condition Evaluator conducts Detailed Evaluations of structurally complex buildings or conditions in incident areas, in accordance with Applied Technology Council (ATC) ATC-20-1 and ATC-45 guidance
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 this position to supplement a NIMS typed Post-Disaster Building Safety Evaluation Team when dealing with difficult, complex, or structurally significant buildings in incident areas 4. Requestor provides access to additional structural information, such as materials, use, and building records, if available 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	SINGLE TYPE	NOTES
DESCRIPTION	The Post-Disaster Complex Structural Condition Evaluator conducts Detailed Evaluations of difficult, complex, or structurally significant buildings or conditions in incident areas, in accordance with ATC-20-1 and ATC-45 guidance	Not Specified
EDUCATION	Not Specified	Not Specified
TRAINING	Completion of the following: <ol style="list-style-type: none"> 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: <ol style="list-style-type: none"> a. International Code Council (ICC) When Disaster Strikes Institute b. State-approved training program such as 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	Ten years of combined experience in building design and analysis, including evaluation of existing structures, field investigation, and construction observation	Not Specified
PHYSICAL/MEDICAL FITNESS	Moderate	The NIMS Guideline for the National Qualification System (NQS) defines Physical/Medical Fitness levels for NIMS positions.
CURRENCY	Completes all necessary refresher trainings or exams for training courses listed above; completes all necessary recertifications	Not Specified



Position Qualification for Infrastructure Systems
Emergency Management

COMPONENT	SINGLE TYPE	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. AHJ-approved equivalent of one of the above certifications	Not Specified

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