

## POST-DISASTER BUILDING SAFETY EVALUATION TEAM

<b>DESCRIPTION</b>	The Post-Disaster Building Safety Evaluation Team (Evaluation Team) conducts evaluations of damaged or potentially damaged buildings to evaluate safety and habitability for continued use and to assess the need for restricted or prohibited entry
<b>RESOURCE CATEGORY</b>	Emergency Management
<b>RESOURCE KIND</b>	Team
<b>OVERALL FUNCTION</b>	<p>The Evaluation Team:</p> <ol style="list-style-type: none"> <li>1. 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</li> <li>2. Performs a limited initial environmental hazard scan as part of a building safety evaluation and alerts appropriate supervisors, emergency responders, and specialists, in accordance with FEMA P-2055: Post-Disaster Building Safety Evaluation Guidance</li> <li>3. Performs a limited initial nonstructural hazard evaluation, in accordance with ATC-20-1 and ATC-45 guidance</li> <li>4. Posts buildings as either Unsafe (red placard), Restricted Use (yellow placard), or Inspected (green placard)</li> <li>5. Provides the Authority Having Jurisdiction (AHJ) with appropriate reports, such as ATC safety assessment forms, describing the conditions of each building inspected</li> <li>6. Immediately notifies AHJ when labeling damaged buildings as unsafe, so the AHJ can implement safety measures and bring in appropriate personnel or teams</li> </ol>
<b>COMPOSITION AND ORDERING SPECIFICATIONS</b>	<ol style="list-style-type: none"> <li>1. Discuss logistics for deploying this team, such as working conditions, length of deployment, equipment, security, credentialing, lodging, transportation, and meals, prior to deployment</li> <li>2. Two or more Evaluation Teams form a Post-Disaster Building Safety Evaluation Strike Team</li> <li>3. Requestor orders or provides a Post-Disaster Building Safety Evaluation Strike Team Leader for administrative and logistics oversight and orders additional Strike Team Leaders to maintain appropriate span of control</li> <li>4. Requestor orders a Post-Disaster Building Safety Evaluation Strike Team Technical Supervisor to accompany the team and orders additional Technical Supervisors based on incident needs and complexity, to maintain appropriate span of control</li> <li>5. Requestor may order additional support staff, Post-Disaster Building Safety Evaluators, Post-Disaster Complex Structural Condition Evaluators, Post-Disaster Complex Architectural Systems Condition Evaluators, civil engineers, licensed architects, and building inspectors based on quantity and type of buildings needing evaluation</li> <li>6. Requestor may order additional specialists, such as Geological Specialists, Geographic Information Systems (GIS) Specialists, and Environmental Health Specialists, to supplement this team based on incident needs</li> <li>7. Requestor may order additional teams, such as the Geological Survey Team, GIS Field Data Collection Team, GIS Map Support Team, or Unmanned Aircraft System Team, to supplement this team's capabilities based on incident needs</li> <li>8. Requestor provides access to survey maps, parcel data information, and blueprints, when available</li> <li>9. This team does not escort residents or provide cost estimates, advice on repairs/rebuilding, or design services</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	NOTES
<b>MINIMUM PERSONNEL PER TEAM</b>	Same as Type 2	2	Not Specified

## Resource Typing Definition for Infrastructure Systems Emergency Management

COMPONENT	TYPE 1	TYPE 2	NOTES
<b>MANAGEMENT AND OVERSIGHT PERSONNEL PER TEAM</b>	1 - National Incident Management System (NIMS) Type 1 Post-Disaster Building Safety Evaluator	1 - NIMS Type 2 Post-Disaster Building Safety Evaluator	Not Specified
<b>SUPPORT PERSONNEL PER TEAM</b>	1 - NIMS Type 2 Post-Disaster Building Safety Evaluator	1 - NIMS Type 3 Post-Disaster Building Safety Evaluator	Not Specified
<b>EVALUATION CAPABILITY PER TEAM</b>	Performs a Detailed Evaluation in accordance with ATC-20-1 and ATC-45 guidance	Performs a Rapid Evaluation in accordance with ATC-20-1 and ATC-45 guidance	Not Specified
<b>EQUIPMENT PER TEAM MEMBER</b>	Same as Type 2	<ol style="list-style-type: none"> <li>1. Flashlight with extra batteries</li> <li>2. Clipboard</li> <li>3. Measuring devices</li> <li>4. Basic first aid kit</li> </ol>	AHJ provides approved red, yellow, and green safety evaluation placards, data recording forms, caution tape, and any associated equipment.
<b>PERSONAL PROTECTIVE EQUIPMENT (PPE) PER TEAM MEMBER</b>	Same as Type 2	PPE is mission-specific and may include: <ol style="list-style-type: none"> <li>1. Hard hat</li> <li>2. Reflective vest</li> <li>3. Gloves</li> <li>4. Safety glasses</li> <li>5. Protective clothing</li> <li>6. Protective footwear</li> <li>7. Dust masks or a respirator with extra filters</li> </ol>	The following regulation addresses PPE: Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment.
<b>COMMUNICATIONS EQUIPMENT PER TEAM</b>	Same as Type 2	2 - Smartphone with camera and GPS functionality	Not Specified
<b>DOCUMENTATION PER TEAM</b>	Same as Type 2	Appropriate reference materials, such as those available through a state safety program or the ATC	Reference materials may include: <ol style="list-style-type: none"> <li>1. ATC-20-1: Field Manual: Postearthquake Safety Evaluation of Buildings</li> <li>2. ATC-45: Field Manual: Safety Evaluation of Buildings after Windstorms and Floods</li> <li>3. Manuals and job aids from the Missouri Structural Assessment and Visual Evaluation (SAVE) Coalition</li> <li>4. Manuals and job aids from the California Office of Emergency Services (Cal OES) Safety Assessment Program (SAP)</li> <li>5. Manuals and job aids from the International Code Council (ICC) When Disaster Strikes Institute</li> </ol>

## NOTES

1. Nationally typed resources represent the minimum criteria for the associated component and capability.
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 509: Post-Disaster Building Safety Evaluation Strike Team Leader
2. FEMA, NIMS 509: Post-Disaster Building Safety Evaluation Strike Team Technical Supervisor
3. FEMA, NIMS 509: Post-Disaster Building Safety Evaluator
4. FEMA, NIMS 509: Post-Disaster Complex Structural Condition Evaluator
5. FEMA, NIMS 509: Post-Disaster Complex Architectural Systems Condition Evaluator
6. FEMA, NIMS 508: Geographic Information Systems Field Data Collection Team
7. FEMA, NIMS 508: Geographic Information Systems Map Support Team
8. FEMA, NIMS 508: Geological Survey Team
9. FEMA, NIMS 508: Unmanned Aircraft System Team
10. FEMA, NIMS 509: Geological Specialist
11. FEMA, NIMS 509: Geographic Information Systems Specialist
12. FEMA, NIMS 509: Environmental Health Specialist
13. FEMA, P-2055: Post-disaster Building Safety Evaluation Guidance, latest edition adopted
14. Disaster Recovery Reform Act of 2018, Pub. L. 115-254, Division D, § 1241(b)
15. Applied Technology Council (ATC), ATC-20-1: Field Manual: Postearthquake Safety Evaluation of Buildings, latest edition adopted
16. ATC, ATC-45: Field Manual: Safety Evaluation of Buildings after Windstorms and Floods, latest edition adopted
17. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910: Personal Protective Equipment, latest edition adopted
18. Missouri Structural Assessment and Visual Evaluation (SAVE) Coalition
19. California Office of Emergency Services (Cal OES) Safety Assessment Program (SAP)
20. U.S. Geological Survey (USGS), Circular 1242: The Plan to Coordinate NEHRP Post-Earthquake Investigations, 2003
21. International Code Council (ICC), When Disaster Strikes Institute