

Damage Assessment Professionals: Qualifications Matrix (Domestic)

	1st Responder		2nd Responder (Damage Assessment)				State (EMAC) / Local (Mutual Aid) Resource		Non-Affiliate
	Federal (FEMA) / State (EMAC) Resource								ATC Damage Assessor
	FEMA Structures Specialist (StS)		FEMA Structure Condition Evaluator (SCE)			ICC Disaster Response (DR) Inspector ⁽⁶⁾	CalOES Safety Assessment Program (SAP) Evaluator ⁽⁷⁾⁽⁸⁾		
	StS 2 ⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾	StS 1 ⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾	SCE - Type 1 ⁽⁵⁾	SCE - Type 2 ⁽⁵⁾	SCE - Type 3 ⁽⁵⁾				
PROFESSIONAL LICENSES AND CERTIFICATIONS									
Licensed as a Professional Engineer (PE), Structural Engineer (SE) or Registered Architect (RA)	✓	✓	✓				✓	✓	
Certified as a Building Official, Fire Inspector I, Residential Inspector, Commercial Inspector, Fire Plans Examiner or Plans Examiner with certification in either building, plumbing, mechanical, or electrical				✓ (Only 1 Required)			✓ (Only 1 Required)	✓ (Only 1 Required - excluding Fire Plans Examiner and Code Enforcement)	
Certified as Code Enforcement or a Building Inspector (School - DGS/DSA; Hospital - OSHPD; Construction Inspector - ACIA)									
Licensed as a Geotechnical Engineer (GE) Engineering Geologist (EG)									
ICC Disaster Response (DR) Inspector certification						✓			
California OES Safety Assessment Program (SAP) Evaluator certification							✓		
EXPERIENCE									
5 years' experience in structure design and analysis to include evaluation of existing structures, field investigation and construction observation experience	✓	✓	✓						
2 years' experience in structure design and analysis to include evaluation of existing structures, field investigation and construction observation experience				✓ (Only 1 Required)					
2 years' experience as a certified code inspection and/or enforcement professional									
ORGANIZATION AFFILIATIONS									
FEMA USAR Task Force or State USAR (SUSAR) Task Force	✓	✓							
Engineers: NCSEA									
Engineers: ASCE							✓ (Only 1 Required)	✓ (Only 1 Required)	
Architects: AIA									
Code Officials: ICC									
California DGS / DSA / ACIA									
TRAINING / EDUCATION									
First Aid									
America Heart Association Cardiopulmonary Resuscitation (CPR)	✓	✓	✓	✓			(Recommended)	(Recommended)	
FEMA Classes									
DHS/FEMA USAR Orientation Course	✓ (FEMA teams)	✓ (FEMA teams)							
Incident Command System (ICS) Classes									
IS-100: Introduction to Incident Command System	✓	✓	✓	✓	✓		(Recommended)		
IS-200: ICS for Single Resources and Initial Action Incidents	✓	✓	✓	✓	✓		(Recommended)		
National Incident Management System (NIMS) Classes									
IS-700: National Incident Management System Introduction	✓	✓	✓	✓	✓		(Recommended)		
IS-800: National Response Framework Introduction	✓	✓	✓	✓	✓		(Recommended)		
Emergency Support Functions (ESF) Classes									
IS-803: ESF #3 – Public Works and Engineering			✓	✓	✓				
IS-809: ESF #9 – Search and Rescue			✓	✓	✓				
ATC Classes									
ATC-20 Seismic Damage Assessment class	✓	✓							✓
ATC-45 Wind & Flood Damage Assessment class	✓	✓							✓
Advanced: ATC-20 and ATC-45 classes with additional concepts of operations training									
ICC Disaster Response (DR) Inspector class			✓	✓	✓		✓		
California OES Certified Safety Assessment Program (SAP) Evaluator class			(Only 1 Required)	(Only 1 Required)	(Only 1 Required)			✓	
Specialty: Structure Condition Evaluator									
Building Safety Assessment Engineer			✓	✓					
Building Safety Assessment Leader			✓						
Specialty: Structures Specialist									
FEMA National US&R Response System GPS course (Awareness)	✓	✓							
FEMA National US&R Response System GPS course (Operations)	(Recommended)								
DHS/FEMA USACE Structures Specialist Training (StS-1)	✓	✓							
DHS/FEMA USACE Structures Specialist Training (StS-2)	✓	✓							

(1) Based on: FEMA NIMS - USAR StS Typing Requirements (2011-03 Final Draft)
(2) Based on: FEMA - USAR StS Position Description (2011-06 Final)
(3) Based on: FEMA - USAR StS Position Description (2013-02 Final)
(4) Based on: SUSAR - USAR StS Position Description (FL USAR Ver:3 Final)
(5) Based on: FEMA NIMS - SCE Typing Requirements (2013-06 Final Draft)
(6) Based on: ICC - Disaster Response (DR) Inspector 2015 Requirements
(7) Based on: CalOES - Post-Disaster Safety Assessment Program Guideline (2015-03 Final)
(8) Based on: CalOES - Structural Assessment Program (SAP) Approved Licenses & Certifications (2013-07 Final)