

STRUCTURES SPECIALIST POSITION DESCRIPTION

Position Specific Requirements:

The Structures Specialist is responsible for performing the various structural assessments for the task force during incident operations. The Structures Specialist reports directly to the Planning Team Manager.

Description of Duties:

The Structures Specialist is responsible for:

- Assessing the structural condition within the area of task force operations, which includes identifying structure types and specific damage and structural hazards
- Recommending the appropriate type and amount of structural hazard mitigation in order to minimize risks to task force personnel
- Provide input necessary to the development of task force tactical action plans
- Cooperating with and assisting other search and rescue resources
- Providing accountability, maintenance, and minor repairs for all issued equipment
- Performing additional tasks or duties as assigned during a mission
- Monitoring assigned structure for condition changes while rescue and recovery operations are proceeding
- Assuming an active role in implementing approved structural hazard mitigation as a designer, inspector, and possibly a supervisor
- Coordinating and communicating the structural related hazard mitigation
- Performing additional tasks or duties as assigned

Position Requirements and Criteria:

Individuals who meet the following requirements and criteria will be eligible to deploy as a Structures Specialist in support of Resource's activities. The intent of these requirements is to select personnel fully capable of providing competent assessments and advice to task force personnel in the urban disaster environment.

Required Training:

The Structures Specialist shall:

1. Complete all General Training requirements.
2. Complete FEMA National US&R Response System GPS Awareness Level course, or equivalent
3. Complete the FEMA USACE Structures Specialist Training (StS-1) course
4. Complete all Technical Rescue Skill Sets

Additional Specific Requirements:

The Structures Specialist shall:

1. Be currently licensed as a Professional Engineer; specialization in structures or equivalent.
– and –
2. Have a minimum five years of experience in structure design and analysis to include evaluation of existing structures, field investigation or construction observation experience, or the teaching of subject pertaining to Structures, Structural Safety, and Structural Collapse.

The criteria for qualifying as Equivalent to a P.E. are as follows:

1. Graduation with B.S. in Civil Engineering (or similar curriculum) from a College or University

recognized by a State Licensing Board.

– OR –

2. Individuals, who are licensed as Architects by any State.

Recommended Training:

The Structures Specialist should:

1. Complete FEMA National US&R Response System Structural Collapse Technician course (except for SCT01c), or equivalent
2. Complete FEMA National US&R Response System Planning Team Training course, or equivalent
3. Completion of FEMA /USACE Structures Specialist Training (StS-2) every 5 years
4. Completion of USACE StS Regional Training every 2 years