



Kansas Search & Rescue Response System

STRUCTURES SPECIALIST

Position Description

The Structures Specialist is responsible for performing the various structural assessments for the task force/team during incident operations. The Structures Specialist reports directly to the Planning Team Manager, or other supervisor as assigned.

The Structures Specialist is responsible for:

- Assessing the structural condition within the area of task force/team operations, which includes identifying structure types, damage, and structural hazards
- Recommending the appropriate type and amount of structural hazard mitigation in order to minimize the risks to task force/team personnel; 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 other agencies
- Providing input on task force/team tactical action plans and/or tactical worksheets as appropriate
- Cooperating with and assisting other search and rescue resources
- Providing accountability, maintenance, and the minor repair of all issued equipment
- Monitoring assigned structure (s) for condition changes while rescue and recovery operations are in progress
- Adhering to all safety procedures
- 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 the Kansas Search & Rescue Response System. The intent of these requirements is to select personnel fully capable of providing competent assessments and advice to task force/team personnel in the disaster environment.

Required Training

The Structures Specialist shall:

- Meet all administrative and general training requirements
- Complete the FEMA National US&R Response System GPS Awareness Level Course or equivalent
- Complete the FEMA USACE Structures Specialist Training (StS-1) course
- Complete the Technical Rescue Skill Sets
- Be currently licensed as a Professional Engineer with specialization in structures or equivalent
The criteria for qualifying as a Professional Engineer are as follows:
 - Graduation with B.S. in Civil Engineering (or similar curriculum) from a college or university recognized by a State Licensing Board
OR
 - Individuals who are licensed as Architects by any State
- Have a minimum of five (5) years of experience in structure design and analysis to include evaluation of existing structures, field investigation or construction observation experience, or the teaching of subjects pertaining to structures, structural safety, and structural collapse

Recommended Training

The Structures Specialist should:

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