

The image features the OSHA logo prominently in the center. The logo consists of a stylized 'O' with a blue outer ring and a grey inner circle, followed by the letters 'SHA' in a white, serif font. The background is a close-up, slightly blurred image of the American flag, showing the stars and stripes. Below the logo, the text 'adds value to business, work and life.' is written in a grey, serif font.

OSHA

adds value to business,
work and life.

OSHA's Role in an Emergency Response

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The Goal of OSHA during an Emergency Response:

“To protect the safety and health of emergency response workers and to provide support in all phases of incident management operations.”

OSHA is the Coordinating Agency for the “Worker Safety and Health Support Annex”

- Pre-Incident Coordination
 - Worker Safety and Health Coordination Committee
 - Consists of Cooperating Agencies
 - DOD
 - DOE
 - DHS
 - EPA
 - A forum to ensure agencies understand how worker safety and health will be coordinated during activations
 - A method to identify availability of resources provided by the support annex.

Concept of Operations

- **Coordinates Federal safety and health assets**
- **Ensures availability and management of all safety resources needed**
- **Shares responder safety-related information**
- **Coordinates among Federal agencies, State, local and tribal governments, and private sector organizations involved in incident response.**

OSHA's Functions

- **Assist the “Safety Officer” at the Incident Command Post**
- **Assist the Planning and Operation Sections**
- **Develop a site specific Health and Safety Plan (HASP)**
- **Identify and assess safety and health hazards through continuous on-site monitoring**

OSHA's Functions (continued)

- **Provide expertise in safety and health risk assessment**
- **Recommend hazard controls and safe work practices**
- **Conduct personal exposure monitoring for responders**
- **Coordinate and provide incident-specific responder training**

OSHA's Functions (continued)

- **Address Personal Protective Equipment (PPE) needs including:**
 - **Selection**
 - **Use**
 - **Decontamination**
 - **Fit Test**
 - **Distribution**

OSHA's Functions (continued)

- **Collect, format and share safety and health data (data management):**
 - **Exposure Data**
 - **Accident/Injury Data**
 - **Safety Hazard Data**
- **Communicate with labor unions, contractors, and other organizations regarding safety and health**

OSHA Regional Emergency Response Team (RERT) Capabilities

- **Safety Specialists**
- **Industrial Hygienists**
- **Civil Engineer**
- **On-scene response with appropriate Personal Protective Equipment to safely assess safety and health hazards**



OSHA Specialized Response Team (SRT) Capabilities

- **On-scene response with appropriate Personal Protective Equipment to safely assess safety and health hazards**
- **Develop site Health and Safety Plan**
- **Conduct site assessments**
- **Manage safety and health response actions**
- **4 Teams, each coordinated by a member of the OSHA Health Response Team**
 - **Ionizing Radiation SRT**
 - **Chemical SRT**
 - **Biological SRT**
 - **Structural Collapse SRT**

OSHA Specialized Response Team (SRT)



Ionizing Radiation SRT Capabilities

- **Provide support to lead agencies for risk assessment and risk management of radiological agents**
- **Detection of alpha, beta, gamma and neutron radiation sources**
- **Identification of radiation isotopes**
- **Conduct personnel monitoring and real-time dosimetry**
- **Conduct dose rate surveys**

Chemical SRT Capabilities

- **Provide support to lead agencies for risk assessment and risk management of chemicals and chemical agents**
- **Conduct air and surface sampling for a wide variety of chemicals, including chemical warfare agents, for laboratory and on-site analysis**
- **Conduct personnel monitoring**

Biological SRT Capabilities

- **Provide support to lead agencies for risk assessment and risk management of biological agents**
- **Provide support to lead agencies for biological agent sampling**
- **Conduct air and surface sampling of select agents for laboratory analysis**



Structural Collapse SRT Capabilities

- **Provide support to lead agencies for stabilization of damaged structures, including shoring and cribbing operations**
- **Conduct reconnaissance operations in damaged/collapsed structures to identify safety and health hazards**
- **Assessment of utilities to building structures**
- **Conduct structural/hazard evaluations of buildings**





Initial Response
2007



**BRIDGE
COLLAPSE**

I-35 W Bridge Collapse

❖ Fire Response

- ✓ 40 Pieces of Equipment
- ✓ 125 MFD Personnel
- ✓ 40-50 Mutual Aid Fire Depts

❖ Police

- ✓ 850 Officers
- ✓ 64 Law Enforcement Agencies

❖ EMS

- ✓ Estimate of 40 Units Responded





Recovery and Removal Summary

- **624 Employees Received Site Orientation Training**
- **962 Site Specific Activity Plans Submitted and Approved**
 - **4824 Employees Trained Per these Plans**
 - **4549 Hazards Identified**
- **Total removal 9 weeks**
- **Estimated 60,000 hours logged**
- **No lost time or serious injuries in the Recovery and Removal Process**



2013 Central Illinois Tornado













2015 Galena, Illinois Train Derailment





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