



Safety and Rescue Training
for high-hazard work activities

**Confined Space
Surface Mines
Excavation
Tower**

Surface Mine Rescue > Operations

The purpose of this five-day* course is to meet the requirements for a surface mine search and rescue team. Teams capable of providing rescue services at these locations must be able to access and remove patients from a variety of hazardous settings including confined spaces, elevated areas, haul trucks, and dumps.

This program develops the technical and safety skills required by surface mine rescue teams. This includes initiating an emergency response, establishing a command structure, sizing-up hazards, ensuring the team safety, and accessing/transporting the patient(s).

* The scope, length, and content of this training may vary based upon site-specific conditions, including the student's current skill levels. Students attending this class must have previously completed confined space and fall protection safety training.

Course Outline

Rescue Fundamentals

- Types of Rescues
- Rescue Team Structure
- Regulations and Standards

Pre-planning

- Sample Rescue Pre-plan
- Why Pre-plan?
- Pre-plan Content and Scope

Rescue Process

- Scene Assessment (Size up)
- Hazard Identification/ Isolation
- Entry Team Preparation
- Making the Entry
- Patient Evaluation and Care
- Victim Retrieval

Rope Rescue Equipment

- Safety Ratios
- Software
- Hardware

Equipment Inspection & Care

Knots and Hitches

- Rescue-suitable knots
- Family of 8

Rescue Systems

- Anchoring
- Mainlines and Belays
- Fall Arrest Forces
- Mechanical Advantage
- Operating Mainlines
- Operating Belays

Confined Space Operations

- Hazards: Atmospheric, energy, engulfment. work-caused.
- Hazard control and entry procedures

Elevated Surfaces

- Conveyors
- Scaffolds
- Towers

Haul Trucks

- Access
- Patient extrication and evacuation

Dump Rescue

- Anchors
- Patient packaging/ evacuation

Our programs reflect:

ANSI/ASSE Z490.1 *Criteria for Accepted Practices in Safety, Health, and Environmental Training*

