CSU | Cleveland State University

Center for Emergency Preparedness

16 Hour Hazardous Materials Permit Required Confined Space Rescue

Course Description:
This two (2) day, 16-hour program will educate employees of the duties of confined space rescue, and meet the training requirements of OSHA 1910.146 for "Permit Required Confined Spaces", OSHA 1910.146(k) "Rescue and Emergency Services, NFPA 1670 "Standard on Operations and Training for Technical Rescue Incidents", and NFPA 1983 "Standard on Fire Service Life Safety Rope & System Components." Successful completion of the course is based on classroom participation.

Course Objectives:
- Review the four roles of hazardous materials confined space and relate them to the incident command system.
- Differentiate between applicable regulations of OSHA 1910.120 and NFPA 1670.
- Implement and review a hazardous material confined space rescue plan.
- Demonstrate monitoring techniques for hazardous materials in a confined space.
- Identify the essential hardware and equipment, selection, care and maintenance for confined space rescue (rope, "O" rings, carabiners, tripods, harnesses)
- Identify the common knots applicable to confined space rescue in a hazardous material incident.
- Demonstrate tying confined space rescue knots as attached to the hardware and equipment.
- Discuss proper PPE for entrant and attendant encountering hazardous materials at a confined space incident.
- Discuss proper decontamination procedures for a hazardous material confined space incident.
- Perform or simulate a straight inline 10-foot horizonal confined space drag rescue.
- Perform or simulate a straight inline 10-foot vertical confined space drag rescue.
- Perform or simulate a straight inline 10-foot complexed confined space drag rescue (horizonal, vertical, blind).

Who should attend?
- All members of confined space entry teams / emergency response teams.
- Supervisory Personnel including those at EHS facilities.
- Safety and hazardous waste site personnel.

Prerequisite:
Participants must have successfully completed the "Permit Required Confined Space Entry" course.

Earned Credentials:
Upon successful completion of the course, participants will earn 8 Continuing Education Units (CEUs) and a certificate verifying successful course completion.

Center for Emergency Preparedness
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