Toolbox KITS

TRENCHING AND EXCAVATION SAFETY TRAINING

Trenching and excavation safety training

For laborers, pipe layers, operators, foremen and competent persons

About 45 minutes, with a 10-question quiz

38 slides | About 45 minutes | 10-question quiz | English + Spanish

ToolboxKits by ALC Media LLC. Not affiliated with OSHA or the U.S. Department of Labor. Not legal advice.



SAMPLE

MODULE 1

The hazards in and around a trench

Cave-ins	A wall slides or falls in and buries or crushes a worker
Falling spoil, rock or equipment	Material or a machine at the edge falls or rolls onto workers below
Underground utilities	A bucket strikes a gas, electric or water line
Water	Water softens the walls or rises around workers
Hazardous atmospheres	Low oxygen, or toxic or flammable gas, collects in the trench
Equipment and traffic	A machine's weight collapses the edge, or a driver hits a worker

SAMPLE

Toolbox KITS

Crew handout

Trenching and excavation safety: crew handout

29 CFR 1926.650, 1926.652, 1926.651

Do

- Know who the competent person is and how to reach them
- Make sure a protective system is in place before you enter
- Get the utilities located before digging starts
- Keep spoil and equipment at least 2 feet back from the edge, or use retaining devices (29 CFR 1926.651(j)(2))
- Keep a ladder or ramp close, and move it as the work moves
- Wear a high-visibility vest near traffic
- Stay inside the trench box's protected area
- Get out and tell the competent person if you see cracks, bulging walls, water or a gas alarm

Don't

- Enter an unprotected trench
- Stand under loads handled by lifting or digging equipment
- Stay in a trench box while it is installed, removed or moved vertically
- Work in standing or rising water without precautions
- Go back in after rain until the competent person has inspected
- Jump in to dig out a coworker after a cave-in. Call 911

SAMPLE

Remember **Never enter an unprotected trench, keep the edge clear, and always know your way out.**

ToolboxKits by ALC Media LLC. Not affiliated with OSHA or the U.S. Department of Labor. Not legal advice.