

Excavation, Trenching, & Shoring Safety

Deaths caused by excavation cave-ins accounts for nearly 1% of all annual occupational deaths in the nation.

Prior to opening an excavation, you must take the proper steps to protect yourself, other employees, and any underground equipment. One of the first steps is for your employer to determine the location of utility installations, such as sewer, telephone, fuel, electric, and water lines, or any other underground installations. Most areas have a 'call before you dig' local resource for locating problem dig areas, so that's a good number to have and share with your team; if excavation work is a daily part of your business, that number should be memorized.

To ensure your safety, the excavation must have a proper method of access and escape. Depending on the size of the excavation, this can include structural ramps, stairs, or ladders, used only by authorized employees; it is important to clearly mark areas to keep non-participants, like other contractors on a job site, out and away for excavation operations.

Source: <https://vividlearningsystems.com/courses/osha/excavation-trenching-and-shoring-safety>

October Vivid Courses:

Operations:

Confined Spaces
Excavation, Trenching, & Shoring Safety

Fire Prevention Week at 10:00 am to 3:00pm on the following locations and days:

Wefald Hall on Monday, October 7, 2019

Bosco Plaza on Tuesday, October 8, 2019 & Wednesday, October 9, 2019

Polytechnic Campus on Thursday, October 10, 2019

Confined Spaces

Confined spaces are classified as either "non-permit required" or "permit required." A non-permit required confined space meets the definition of a confined space, of course, but does not pose life, health, or safety hazards. By their very nature and configuration, many permit-required confined spaces could contain hazardous atmospheres.

A permit-required confined space is a confined space which:

- Contains or has the potential to contain a hazardous atmosphere
- Contains a material with the potential to engulf someone who enters the space
- Has an internal configuration that might cause an entrant to be trapped or asphyxiated
- Contains any other recognized serious safety or health hazards

Source: <https://vividlearningsystems.com/courses/osha/confined-spaces>