

COURSE TITLE

Water Industry Trenching and Shoring

COURSE DURATION

1 hour

OVERVIEW

This course highlights the requirements in the standard for excavation and trenching operations, provides methods for protecting employees against cave-ins and describes safe work practices for employees.

This training course has 8 learning modules with a 10-question exam.

PREREQUISITES

No prior knowledge is required.

BEHAVIORAL OBJECTIVES

After successfully completing this course, you will be able to:

- Prepare and use a written safety plan for any trenching and shoring project.
- Prepare a safe work environment prior to the excavation.
- Regularly inspect and evaluate hazardous conditions.
- Be aware of cave-ins, falls and falling loads.
- Supply a safe atmospheric condition.
- Ensure access and egress* to the excavation.

COURSE OUTLINE

- General Requirements
- Preparing for an Excavation Project
- Before Beginning The Job
- Duties and Responsibilities
- On-The-Job Evaluation
- Some Basic Definitions
- Cave-Ins and Protective Support Systems
- Some Example
- Sloping Trench Sides
- Requirements for Protective Systems
- Installation and Removal of Protective System
- Other Hazards - Falls and Equipment
- Hazardous Atmospheres
- Summary

AVAILABILITY

This course is offered online and is available 24 hours a day, 7 days a week, 365 days a year.

TRAINING METHODOLOGY & EVALUATION

This course is self-paced online training. Review exercises and case studies reinforce the content, and students are evaluated with a multiple choice exam. Upon completion, students are prompted to submit a course evaluation.

REFERENCES

OSHA 29 CFR 1926.650-653