

Course Title: Trenching & Shoring

Course Duration: 1-1.5 hours

Course Description: This class covers the OR-OSHA requirements for excavation, shoring and trenching to ensure the safety of water & wastewater personnel. We will discuss the hazards involved, ways to prevent incidents from happening and the best safe-work practices.

Topics include:

- Soil Classification & Types
- Shoring Systems
- Trench Collapse Types
- General Trench Requirements
- OSHA Regulations (29 CFR § 1926 Sub-part P)
- Hazardous Scenarios

Course Outline:

Introduction	3-5 minutes
OSHA Requirements	5-7 minutes
Duties & Responsibilities of Competent Person and of Workers	10-15 minutes
Evaluation of the Job Site/Soil sampling	7-12 minutes
Supporting Systems for Trenching and Shoring	7-10 minutes
Sloping in Excavation	7-10 minutes
Protective Systems for Trench Safety	7-10 minutes
Trips, Falls and Other Working Hazards	7-10 minutes
Hazardous Atmospheres in Trenching/Excavation	7-10 minutes
Exam	7-10 minutes
Closing	5 minutes

Time Schedule: 1-1.5 hours

Training Methodology & Evaluation: This course is an in-person class. The students will gain knowledge on how to conduct excavation, trenching and shoring safely in their daily operations. There is a 20-question exam at the end of the course to ensure knowledge retention.

Instructor Bio/Credentials: The course will be given by the City Safety Manager/Regulatory Specialist, Brian Warren. Brian is currently the Lead Chair of the City of Pendleton Safety Committee, is OSHA-30 certified and is a certified Competent Person in Shoring & Trenching. He is also a certified trainer in Trenching & Shoring.