



Building a safer workplace for your teams

# Excavation, Trenching and Soil Mechanics Course

*(Philadelphia L&I Authorized Alternate Class to the OTI 3015 Course Requirements)*

This course covers the OSHA Excavation Standards and **safety and health aspects of excavation and trenching**. Course topics include practical soil mechanics and its relationship to the stability of shored and unshored slopes and walls of excavations, introduction of various types of shoring (wood timbers and hydraulic), soil classification, and use of protective systems. Testing methods are demonstrated and students participate in workshops in the use of instruments such as penetrometers, torvane shears and engineering rods.

## Course Content

- + Scope, Application and Definitions of 29 CFR 1926.650, Subpart P
- + Leading Reasons for Incidents
- + Specific Requirements
- + Protective Systems
- + Appendices A through F
- + Soil Analysis
- + City of Philadelphia Excavation Permit Requirements

[CLICK HERE TO REGISTER](#)

## Questions?

Contact John Curcio at **215-676-3536**, or email [jcurcio@med-texservices.com](mailto:jcurcio@med-texservices.com)



## Who Should Attend?

This course is designed for general contractors, subcontractors, facility owners, and safety professionals who practice or supervise excavation, trenching, and soil mechanics.



## What Will You Learn?

- Review the compliance directive and letters of interpretation applicable to trenching and excavation.
- Understand practical soil mechanics and how it applies to the stability of shored and unshored slopes and walls of excavations.
- Learn about different types of shoring, both hydraulic, and wood timbers.
- Practice using different testing methods.



## What are the Details?

**COST:** \$795.00 per person

**DATES:** November 14 - 15, 2023

**TIME:** 7:30 am – 4:00 pm

**LOCATION:** Med-Tex Services, Inc.  
6940 State Road, Phila, PA 19135