

“Safety in Excavation”

5-Hour Competent Person Program Outline

Safety in Excavation is offered monthly at Trench Shoring Services facilities in Salt Lake City & Provo. Typically, the regular class is offered every month in each facility at no charge to our customers. It is also offered at other locations from time to time at our customers’ request.

- 1. Introduction** **30 - Minutes**
 - a. The Current OSHA Standard
 - b. OSHA Definitions
 - c. What is a Competent Person
- 2. General Requirements** **60 - Minutes**
 - a. Competent Person
 - b. General Requirement for Safe Excavations
- 3. Cave-in Signals** **10 - Minutes**
 - a. Properties of Soil
 - b. Steps of a cave-in
- 4. Protective Systems** **45 - Minutes**
 - a. Sloping and Benching
 - b. Shield Systems
 - c. Support Systems
 - d. Engineered Exceptions
- 5. Soils Classification** **60 - Minutes**
 - a. Definitions
 - b. Soil Analysis Methods
 - c. Soil Classification Procedures
- 6. Acceptable use of Protective Systems** **20 - Minutes**
 - a. Sloping and Benching
 - b. Supports Systems
 - c. Shields
 - d. Engineered Exceptions
- 7. Tabulated Data** **15 - Minutes**
- 8. Solutions for Compliance** **60 - Minutes**
 - a. Job Site Photograph Evaluations
 - b. Job Site Photograph Solutions