



## Trench & Excavation Safety Competent Person

### **Trench & Excavation Safety / Competent Person**

#### **Course Description:**

This course focuses on the OSHA standards, and on the acute safety aspects of excavation and trenching. Students are introduced to practical soil mechanics and its relationship to the stability excavations. Various types of shoring (wood timbers, sheet piling, and hydraulic) are covered. Testing methods are demonstrated, and an exercise is conducted allowing students to use instruments such as penetrometers, torvane shears, and engineering rods.

Platinum Engineering & Safety can also assist you by sending a trainer to the field for hands on inspection and training on excavation practices and compliance.

#### **Course Objective:**

The objective of this course is that upon successful completion the student will be able to identify safety and health concerns, identify regulatory requirements, implement safe work practices, understand soil mechanics, and recognize the hazards of trenching, excavations, and underground construction.

#### **Course Length:**

4-hour: Designed for employees and supervisors who require awareness level knowledge of trench and excavation safety.

8-hour: Designed for employees, supervisors, and management who require an in depth knowledge of the subject and the standard upon which it is based.

#### **Target Audience:**

- Management
- Field Supervisors & Foreman
- Equipment Operators
- Safety Representatives