



# Excavation Safety

Competent Person

## TRAINING

### Course Timeline

8 am—9 am

#### Excavation Basics

- General Safety Requirements
- Introduction to the Excavation Standards

9 am—9:30 am

#### Basic Soil Mechanics

- Types of Collapses
- Factors That Contribute To Cave-ins

9:30 am—9:45 am

#### Break

9:45 am—10:30 am

#### Soil Classification

- Classifying Soils
- Testing Soils

10:30 am—11:30 am

#### Protective Systems

- Sloping and Benching
- Timber Shoring
- Aluminum Hydraulic Shoring

11:30 am—12:15 pm

#### Lunch

12:15 pm—1:30 pm

#### Protective Systems (cont.)

1:30 pm—1:45 pm

#### Break

1:45 pm—3 pm

#### Excavation Safety Planning

- Liabilities/Responsibilities
- Written Program Elements

3 pm—3:15 pm

#### Break

3:15 pm—3:40 pm

#### Water and Atmospheric Hazards

3:40 pm—4:00 pm

#### Emergency Planning

- Rescue Procedure
- Pre-planning

4:00 pm—4:30 pm

#### Post-test and Evaluations



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