



# TRAINING OUTLINE

**COURSE TITLE:** \_\_\_\_\_ **DATE:** \_\_\_\_\_ **INSTRUCTOR:** \_\_\_\_\_

**LOCATION:** \_\_\_\_\_ **TIME:** \_\_\_\_\_ **COMPANY:** \_\_\_\_\_

*Safety training was conducted on the above date by the instructor indicated. The following line items identify the topics covered during the training session.*

## SUMMARY OF TRAINING

### 1) Introduction

- a) Competent Person
- b) Standards
- c) Why Training

### 2) Soil Classification

- a) Soil Identification
- b) Soil Composition
- c) Soil Cohesiveness
- d) Soil Classification
- e) Testing the Soil
- f) Visual Tests
- g) Manual Test
- h) Penetrometer

### 3) Protective Systems

- a) Trench Shoring
- b) Shielding
- c) Shoring & Reshoring

### 4) Safe Operations

- a) Soil Mechanics
- b) Soil Weight
- c) What Weakens a Trench
- d) Trench Failure
- e) Other Considerations
- f) Inspections
- g) Underground Utilities
- h) Road Work
- i) Access & Egress
- j) Structural Ramps
- k) Stability of Adjacent Structures
- l) Falling Loads



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- m) Pedestrians
- n) Weight Considerations
- o) Weather
- p) Water Accumulation
- q) Water Removal
- r) Well Points
- s) Direct Pumping
- t) Hazardous Atmospheres
- u) Control Methods
- v) Emergency Rescue Equipment

## 5) Hazards

- a) Case Studies

## 6) Conclusion