24-Hour Trench Rescue Technician
Class Format – Day 1
(MAXIMUM 24 STUDENTS)

0800-1300  CLASSROOM LECTURE
Trenching and excavation regulations; trenching and excavation hazards; safety; basic soil concepts; soil classifications; shoring techniques, concepts and components; trench rescue tactical priorities; case histories; specialized equipment; victim considerations and incident termination.

1300-1400  LUNCH

1400-1430  FIELD BRIEFING
General trench safety message, trench approach, ladders, edge protection and clearing spoil; cutting station demonstration and demonstration of all panels with insertion by students.

1430-1530  FIELD EXERCISES
Exercise #1: Panel management: insertion of prebuilt panels, construct-in-place panels, bridges, ladders and safety lines (squad 1 and 2).

1530-1630  FIELD EXERCISES
Exercise #2: Panel management: insertion of prebuilt with supplemental sheeting techniques, suspended panels, bridges, ladders and safety lines (squad 1 and 2).

Field Exercises #1 and #2 are conducted simultaneously in both time slots with rotation of squads.

1630-1700  CLEANUP
Questions and answers.
# 24-Hour Trench Rescue Technician
## Class Format – Day 2
*(MAXIMUM 24 STUDENTS)*

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| 0800-0815 | FIELD BRIEFING  
Daily safety message, review trench approach, ladders, edge protection and clearing spoil (all students). |
| 0815-1200 | FIELD EXERCISES  
Exercise #3: Timber shores in the L-trench; single and double walers in a straight trench and L-trench. |
| 1200-1300 | LUNCH  |
| 1300-1630 | FIELD EXERCISES  
Exercise #4: Mechanical shore operations in the T-trench with walers; trench end shoring system with timber.  
*Field Exercises #3 and #4 are conducted simultaneously in both time slots with rotation of squads.* |
| 1630-1700 | CLEANUP  
Questions and answers. |
0800-0815  CLASSROOM
Tactical priorities (tactical priorities can be given in the field)
(optional)

0815-0830  FIELD BRIEFING
Daily safety message (all students)

0830-1200  SCENARIO #1
Trench collapse in the L-trench

1200-1300  LUNCH

1300-1600  SCENARIO #2
Trench collapse in the T-trench

For scenario #1 and #2, divide students into engine/truck companies and stagger their time on scene for the scenario.

1600-1700  CLEANUP
Questions and answers, debriefing and written evaluation.