

# 24-Hour Trench Rescue Technician Class Format – Day 1

(MAXIMUM 24 STUDENTS)

---

0800-1300	<b>CLASSROOM LECTURE</b> 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	<b>LUNCH</b>
1400-1430	<b>FIELD BRIEFING</b> 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	<b>FIELD EXERCISES</b> <b>Exercise #1:</b> Panel management: insertion of prebuilt panels, construct-in-place panels, bridges, ladders and safety lines (squad 1 and 2).
1530-1630	<b>FIELD EXERCISES</b> <b>Exercise #2:</b> Panel management: insertion of prebuilt with supplemental sheeting techniques, suspended panels, bridges, ladders and safety lines (squad 1 and 2).  <i>Field Exercises #1 and #2 are conducted simultaneously in both time slots with rotation of squads.</i>
1630-1700	<b>CLEANUP</b> Questions and answers.



# 24-Hour Trench Rescue Technician Class Format – Day 2

(MAXIMUM 24 STUDENTS)

---

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.



# 24-Hour Trench Rescue Technician Class Format – Day 3

(MAXIMUM 24 STUDENTS)

---

0800-0815	<b>CLASSROOM</b> Tactical priorities (tactical priorities can be given in the field) (optional)
0815-0830	<b>FIELD BRIEFING</b> Daily safety message (all students)
0830-1200	<b>SCENARIO #1</b> Trench collapse in the L-trench
1200-1300	<b>LUNCH</b>
1300-1600	<b>SCENARIO #2</b> Trench collapse in the T-trench
	<i>For scenario #1 and #2, divide students into engine/truck companies and stagger their time on scene for the scenario.</i>
1600-1700	<b>CLEANUP</b> Questions and answers, debriefing and written evaluation.

