



## Suggested Materials List for Technical Rescuer Trench Qualification Course

1 – Set of Low-Pressure Air Bags

Cribbing and Wedges

Plywood Trench Panels (Must meet OSHA Trench Standard) or Commercial Panels Straight Wall Trench

T – Trench

L – Trench

Deep Wall Trench (12' to 15' Deep)

Timbers for Shoring and Waling

4' x 8' Ground Pads

2" x 12" x 12' Ground Boards

2" x 4" x 12' Rails

2" x 4" x 12' for Scabs and Wedges

Utility Ropes

Ventilation Equipment

Atmospheric Monitoring Equipment

Timber Shoring Equipment (Nails, Hammers, Nail Pouches, Tape Measures, Pencils, Carpenter Squares, Chain Saw Chaps,

Power Saw, Chain Saw, 50 lbs 16 Penny Nails, 50 lbs 8 Penny Nails)

Hydraulic, Pneumatic, and Screw Jacks if Available

Fire Service Ladders (1 -24', 2 – 14' Straight Ladders)

Dewatering Equipment with Intake and Discharge Hoses

Suitable Number of 1" and 2" Web Slings (3', 8', and 12' Lengths)

Suitable Number of 7/16" or 1/2" Rope Slings (7', 14', and 20')

5 – 100' x 1/2" Rope

10 – 50' x 1/2" Rope

5 – 20' x ½" Rope

5 – 4" x 4" x 12' Timbers

6 – 1" x 5' Pickets

4 – 12" x 1 ¼" or 1 ½" PVC Pipe

Sledge Hammer

4 – Single Sheave Pulleys

2 – Double Sheave Pulleys

20 – Locking Carabiners

12 – 6mm – 8mm Prussick Cords (Pre-tied lengths of 53" and 65") Commercial Rope Grab System

Long Handled Shovels (Flat and Pointed)

Trenching Shovels

Portable Generator (Fuels, Oil, Etc.)

Extension Cords

Lighting Equipment

Barricade Tape

Clean Up Equipment