# Trench Rescue Technician Resource List

<table>
<thead>
<tr>
<th>Item</th>
<th>12 Students</th>
<th>24 Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plywood 4' x 8' x 3/4&quot;</td>
<td>14</td>
<td>24</td>
</tr>
<tr>
<td>2&quot; x 12&quot; x 10' (8' is okay; 10' preferred)</td>
<td>14</td>
<td>24</td>
</tr>
<tr>
<td>2&quot; x 4' x 8'</td>
<td>10</td>
<td>18</td>
</tr>
<tr>
<td>4&quot; x 4' x 8'</td>
<td>14</td>
<td>24</td>
</tr>
<tr>
<td>4&quot; x 4' x 12' (walers)</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>4&quot; x 4' x 14' (walers)</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>18&quot;, 4&quot; x 4&quot; wedges</td>
<td>12 pair</td>
<td>24 pair</td>
</tr>
<tr>
<td>6&quot; x 6&quot; x 12&quot;</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Finland Form plywood, 4' x 8' x 3/4&quot;</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Wood pallet for cutting station</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Nails, 16D Duplex</td>
<td>30 lbs</td>
<td>50 lbs</td>
</tr>
<tr>
<td>Hydraulic speed shores with extensions, pump and release handles</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Pneumatic shores with regulator, controller and hoses</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>Trench air cushions with regulator, controller and hoses</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>SCBA cylinders</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Pipe screw jacks, 1½&quot; with pipe cutter and pipe wrench</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td>Pipe, 1½&quot; schedule 40 steel; 10' lengths</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>Ellis post screw jacks; 4' x 4'</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>Lifeline ½&quot; x 50' (in bags)</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>Utility line 25’</td>
<td>6</td>
<td>10</td>
</tr>
<tr>
<td>Webbing 1&quot; x 20’</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>Backboard with straps</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Rescue Litter (optional)</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>10¼” circular saw (with extension cord)</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Palm nailer with regulator and hoses</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Chain saw; gasoline with fuel can, chain oil and extra chain</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Generator; minimum 2.5 kw with extension cord</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Crow bars</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>Shovels: round point, long handle</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Shovels: square point, long handle</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Shovels: round point, short D handle or Military type folding</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Grubbing tools</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>Pike pole; 10’-12’</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>5-gallon buckets with wire or rope handles</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>Framing hammers</td>
<td>6</td>
<td>12</td>
</tr>
<tr>
<td>Single jack (short-handled 3-4 lbs sledge hammer)</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td>Tape measures 25’</td>
<td>6</td>
<td>12</td>
</tr>
<tr>
<td>Speed squares</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Carpenter pencils</td>
<td>6</td>
<td>12</td>
</tr>
<tr>
<td>Squad boxes or buckets</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td>Duct tape</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Salvage cover</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Ladders: straight or roof, 12’-16’</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>Ladder Belts or Escape Belts</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>Ventilation fan</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Atmospheric monitor with tubing</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Manikins</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Backhoe and operator</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Trench Rescue Tactical Worksheets</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Daily Trench Inspection Worksheets</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Trench Rescue Site Safety Officer Worksheets</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Incident Action Plan Documents</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>