



Indiana Department of Homeland Security  
Emergency Management Response Division  
Trench Rescue Equipment List  
**Appendix D-2**



<b>I. Trench Rescue</b>				
Amount	Type of PPE	Authorized Expenditure List	Title	Description / Standard
12	4 X 4 Ellis Screw Jack or Pipe Screw Jacks	03SR-02-TLHN	Tools, Hand	Manually operated hand tools, cutting torches, exothermic torches, accessories and attachments for cutting, prying, breaking, shoring, stabilizing, moving, applying or removing fasteners where powered tools are not appropriate or safe to use.
8	4 X 8 Trench Shore Panels (3/4" Finform or 1 1/8" plywood)	03SR-02-TLHN	Tools, Hand	Manually operated hand tools, cutting torches, exothermic torches, accessories and attachments for cutting, prying, breaking, shoring, stabilizing, moving, applying or removing fasteners where powered tools are not appropriate or safe to use.
8	2" X 12" X 12' Plank	03SR-02-TLHN	Tools, Hand	Manually operated hand tools, cutting torches, exothermic torches, accessories and attachments for cutting, prying, breaking, shoring, stabilizing, moving, applying or removing fasteners where powered tools are not appropriate or safe to use.
10	2" X 12" X 12' Plank	03SR-02-TLHN	Tools, Hand	Manually operated hand tools, cutting torches, exothermic torches, accessories and attachments for cutting, prying, breaking, shoring, stabilizing, moving, applying or removing fasteners where powered tools are not appropriate or safe to use.
20	4" X 4" X 12'	03SR-02-TLHN	Tools, Hand	Manually operated hand tools, cutting torches, exothermic torches, accessories and attachments for cutting, prying, breaking, shoring, stabilizing, moving, applying or removing fasteners where powered tools are not appropriate or safe to use.
6	6" X 6" X 12'	03SR-02-TLHN	Tools, Hand	Manually operated hand tools, cutting torches, exothermic torches, accessories and attachments for cutting, prying, breaking, shoring, stabilizing, moving, applying or removing fasteners where powered tools are not appropriate or safe to use.
12	4' X 8' ground pads, 1/2" minimum	03SR-02-TLHN	Tools, Hand	Manually operated hand tools, cutting torches, exothermic torches, accessories and attachments for cutting, prying, breaking, shoring, stabilizing, moving, applying or removing fasteners where powered tools are not appropriate or safe to use.
20	4" X 4" X 18" Wedges	03SR-02-TLHN	Tools, Hand	Manually operated hand tools, cutting torches, exothermic torches, accessories and attachments for cutting, prying, breaking, shoring, stabilizing, moving, applying or removing fasteners where powered tools are not appropriate or safe to use.
40	4" X 4" X 18" Cribbing	03SR-02-TLHN	Tools, Hand	Manually operated hand tools, cutting torches, exothermic torches, accessories and attachments for cutting, prying, breaking, shoring, stabilizing, moving, applying or removing fasteners where powered tools are not appropriate or safe to use.
20	2" X 4" X 18" Cribbing	03SR-02-TLHN	Tools, Hand	Manually operated hand tools, cutting torches, exothermic torches, accessories and attachments for cutting, prying, breaking, shoring, stabilizing, moving, applying or removing fasteners where powered tools are not appropriate or safe to use.
<b>II. Tools</b>				
8	20 oz. or better Claw Hammer	03SR-02-TLHN	Tools, Hand	Manually operated hand tools, cutting torches, exothermic torches, accessories and attachments for cutting, prying, breaking, shoring, stabilizing, moving, applying or removing fasteners where powered tools are not appropriate or safe to use.
8	Carpenter Belts	03SR-02-TLHN	Tools, Hand	Manually operated hand tools, cutting torches, exothermic torches, accessories and attachments for cutting, prying, breaking, shoring, stabilizing, moving, applying or removing fasteners where powered tools are not appropriate or safe to use.
8	25' Tape Measure	03SR-02-TLHN	Tools, Hand	Manually operated hand tools, cutting torches, exothermic torches, accessories and attachments for cutting, prying, breaking, shoring, stabilizing, moving, applying or removing fasteners where powered tools are not appropriate or safe to use.
4	18" Folding Shovel	03SR-02-TLHN	Tools, Hand	Manually operated hand tools, cutting torches, exothermic torches, accessories and attachments for cutting, prying, breaking, shoring, stabilizing, moving, applying or removing fasteners where powered tools are not appropriate or safe to use.
1	8 lb. Sledge Hammer	03SR-02-TLHN	Tools, Hand	Manually operated hand tools, cutting torches, exothermic torches, accessories and attachments for cutting, prying, breaking, shoring, stabilizing, moving, applying or removing fasteners where powered tools are not appropriate or safe to use.
1	Circular Saw, (10 1/4")	03SR-02-TPEL	Tools, Power, Electric	Electrically-powered portable saws, cutters, breakers, drills, pumps, accessories and attachments. (Certified as compliant with NFPA 1936).
2	Circular Saw, Spare Blade	03SR-02-TPEL	Tools, Power, Electric	Electrically-powered portable saws, cutters, breakers, drills, pumps, accessories and attachments. (Certified as compliant with NFPA 1936).



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1	Chain Saw, 12" minimum (gasoline or electric)	03SR-02-TPGS	Tools, Gasoline-Powered	Internal combustion engine, gasoline-powered portable cutting saws, drills, breakers, coring tools, accessories and attachments for rescue operations. (Certified as compliant with NFPA 1936).
2	Chain Saw, Chains (spare)	03SR-02-TPGS	Tools, Gasoline-Powered	Internal combustion engine, gasoline-powered portable cutting saws, drills, breakers, coring tools, accessories and attachments for rescue operations. (Certified as compliant with NFPA 1936).
1	Chain Saw, Bar (spare)	03SR-02-TPGS	Tools, Gasoline-Powered	Internal combustion engine, gasoline-powered portable cutting saws, drills, breakers, coring tools, accessories and attachments for rescue operations. (Certified as compliant with NFPA 1936).
1	Chain Saw, Bar Oil (one gallon)	03SR-02-TPGS	Tools, Gasoline-Powered	Internal combustion engine, gasoline-powered portable cutting saws, drills, breakers, coring tools, accessories and attachments for rescue operations. (Certified as compliant with NFPA 1936).
1	If Gasoline Chain Saw, Gasoline Safety Can (2 1/2 gallon with pre-mix)	03SR-02-TPGS	Tools, Gasoline-Powered	Internal combustion engine, gasoline-powered portable cutting saws, drills, breakers, coring tools, accessories and attachments for rescue operations. (Certified as compliant with NFPA 1936).
1	If Gasoline Chain Saw, Small Engine Repair Kit (Filters/Plugs/Wrenches)	03SR-02-TPGS	Tools, Gasoline-Powered	Internal combustion engine, gasoline-powered portable cutting saws, drills, breakers, coring tools, accessories and attachments for rescue operations. (Certified as compliant with NFPA 1936).
4	Framing Square	03SR-02-TLHN	Tools, Hand	
8	Speed Square	03SR-02-TLHN	Tools, Hand	Manually operated hand tools, cutting torches, exothermic torches, accessories and attachments for cutting, prying, breaking, shoring, stabilizing, moving, applying or removing fasteners where powered tools are not appropriate or safe to use.
4	Long Nail Puller	03SR-02-TLHN	Tools, Hand	Manually operated hand tools, cutting torches, exothermic torches, accessories and attachments for cutting, prying, breaking, shoring, stabilizing, moving, applying or removing fasteners where powered tools are not appropriate or safe to use.
4	Utility Knife w/ 10 spare blades	03SR-02-TLHN	Tools, Hand	Manually operated hand tools, cutting torches, exothermic torches, accessories and attachments for cutting, prying, breaking, shoring, stabilizing, moving, applying or removing fasteners where powered tools are not appropriate or safe to use.
1	Electric Submersible Pump w/ 25' of discharge hose	03SR-02-TPEL	Tools, Power, Electric	Electrically-powered portable saws, cutters, breakers, drills, pumps, accessories and attachments. (Certified as compliant with NFPA 1936).
1	Gasoline Trash Pump w/ 25' of discharge hose & suction hose	03SR-02-TPGS	Tools, Gasoline-Powered	Internal combustion engine, gasoline-powered portable cutting saws, drills, breakers, coring tools, accessories and attachments for rescue operations. (Certified as compliant with NFPA 1936).
2	12' Straight Ladder	03SR-02-TLHN	Tools, Hand	Manually operated hand tools, cutting torches, exothermic torches, accessories and attachments for cutting, prying, breaking, shoring, stabilizing, moving, applying or removing fasteners where powered tools are not appropriate or safe to use.
38	Long Handle Spade Shovel	03SR-02-TLHN	Tools, Hand	Manually operated hand tools, cutting torches, exothermic torches, accessories and attachments for cutting, prying, breaking, shoring, stabilizing, moving, applying or removing fasteners where powered tools are not appropriate or safe to use.
39	Long Handle Flat Shovel	03SR-02-TLHN	Tools, Hand	Manually operated hand tools, cutting torches, exothermic torches, accessories and attachments for cutting, prying, breaking, shoring, stabilizing, moving, applying or removing fasteners where powered tools are not appropriate or safe to use.
40	Chalk Line and Chalk	03SR-02-TLHN	Tools, Hand	Manually operated hand tools, cutting torches, exothermic torches, accessories and attachments for cutting, prying, breaking, shoring, stabilizing, moving, applying or removing fasteners where powered tools are not appropriate or safe to use.
41	Power Nailer w/ extra nails, batteries, gas	03SR-02-TPEL	Tools, Power, Electric	Electrically-powered portable saws, cutters, breakers, drills, pumps, accessories and attachments. (Certified as compliant with NFPA 1936).



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42	Low Pressure Air Bag System 10 Ton or better	03SR-01-ABAG	Airbag, Lifting, Low or High Pressure	Low or high pressure airbag lifting systems, bags, regulators, hoses, controllers, accessories and attachments for lifting heavy objects to extricate trapped victims.
43	Electrical Junction Box	03SR-02-TPEL	Tools, Power, Electric	Electrically-powered portable saws, cutters, breakers, drills, pumps, accessories and attachments. (Certified as compliant with NFPA 1936).
<b>II. Tools Cont.</b>				
3	Level, 6" minimum (+3M, +6H)	03SR-02-TLHN	Tools, Hand	Manually operated hand tools, cutting torches, exothermic torches, accessories and attachments for cutting, prying, breaking, shoring, stabilizing, moving, applying or removing fasteners where powered tools are not appropriate or safe to use.
1	Level, 3' minimum	03SR-02-TLHN	Tools, Hand	Manually operated hand tools, cutting torches, exothermic torches, accessories and attachments for cutting, prying, breaking, shoring, stabilizing, moving, applying or removing fasteners where powered tools are not appropriate or safe to use.
<b>III. Support Equipment</b>				
3	Tarp (12' X 20') or better	03SR-02-TLHN	Tools, Hand	Manually operated hand tools, cutting torches, exothermic torches, accessories and attachments for cutting, prying, breaking, shoring, stabilizing, moving, applying or removing fasteners where powered tools are not appropriate or safe to use.
3	Roll Duct Tape	03SR-02-TLHN	Tools, Hand	Manually operated hand tools, cutting torches, exothermic torches, accessories and attachments for cutting, prying, breaking, shoring, stabilizing, moving, applying or removing fasteners where powered tools are not appropriate or safe to use.
3	Can Orange Marking Spray Paint	03SR-02-TLHN	Tools, Hand	Manually operated hand tools, cutting torches, exothermic torches, accessories and attachments for cutting, prying, breaking, shoring, stabilizing, moving, applying or removing fasteners where powered tools are not appropriate or safe to use.
50'	5 - 10' 1" Webbing	03SR-02-TLHN	Tools, Hand	Manually operated hand tools, cutting torches, exothermic torches, accessories and attachments for cutting, prying, breaking, shoring, stabilizing, moving, applying or removing fasteners where powered tools are not appropriate or safe to use.
50 lbs.	Nails, 16d, (vinyl coated, green sinker)	03SR-02-TLHN	Tools, Hand	Manually operated hand tools, cutting torches, exothermic torches, accessories and attachments for cutting, prying, breaking, shoring, stabilizing, moving, applying or removing fasteners where powered tools are not appropriate or safe to use.
25 lbs.	Nails, 8d, (vinyl coated, green sinker)	03SR-02-TLHN	Tools, Hand	Manually operated hand tools, cutting torches, exothermic torches, accessories and attachments for cutting, prying, breaking, shoring, stabilizing, moving, applying or removing fasteners where powered tools are not appropriate or safe to use.
2	Saw Horses	03SR-02-TLHN	Tools, Hand	Manually operated hand tools, cutting torches, exothermic torches, accessories and attachments for cutting, prying, breaking, shoring, stabilizing, moving, applying or removing fasteners where powered tools are not appropriate or safe to use.
1	Stokes Basket	08D2-01-LITR	Device, Victim Extrication	Devices such as litters, stretchers, stokes baskets, etc. for moving non-ambulatory victims.
8	3 or 5 gallon bucket	03SR-02-TLHN	Tools, Hand	Manually operated hand tools, cutting torches, exothermic torches, accessories and attachments for cutting, prying, breaking, shoring, stabilizing, moving, applying or removing fasteners where powered tools are not appropriate or safe to use.
2	Roll - Caution/Banner Tape	03SR-03-TPBM	Tape, Boundary Marking	Boundary marking tape: YELLOW Caution/RED Danger/ Incident specific (i.e., radiological, biological, chemical).
20	Trench Panel Ropes 10' or better	03OE-05-ROPE	Rope, Life Safety	Rope of various diameters, lengths, and ratings used specifically for human rescue, egress, hoist, or transport (certified as compliant with NFPA 1983).
10	Work Rope 15'-20'	03OE-05-ROPE	Rope, Life Safety	Rope of various diameters, lengths, and ratings used specifically for human rescue, egress, hoist, or transport (certified as compliant with NFPA 1983).
2	Work Rope 50'	03OE-05-ROPE	Rope, Life Safety	Rope of various diameters, lengths, and ratings used specifically for human rescue, egress, hoist, or transport (certified as compliant with NFPA 1983).