

## TEAP III TERSP Standard Essential and Specialty Equipment List

Essential Equipment Description	Quantity	Verified
<b><i>Chemical Protective Clothing</i></b>		
Level 'A' Protection - fully encapsulated, airtight chemical suit with SCBA (compatible with contracted chemicals)	4	
Level 'B' Protection – chemical splash suit or full coverage non-airtight chemical suit with SCBA (compatible with contracted chemicals)	4	
Level 'C' Protection – chemical splash suit with cartridge respirator (compatible with contracted chemicals)	4	
Level 'D' Protection – work uniform such as coveralls, boots, gloves and hard hat (may include face shield, goggles, splash suit, ...)	4	
<b><i>Basic Personal Protective Equipment</i></b>		
<b>Safety boots (CSA) are personal items that will not be assessed</b>		
Boots, rubber w/steel toe – CSA	6	
Clothing, cold weather (flame retardant)	6 sets	
Clothing, flame retardant	6 sets	
Clothing, raingear - PVC, FRC spec, jacket and pants	4	
Gloves, chemical resistant (compatible with contracted chemicals)	12	
Gloves, leather face	12	
Head protection (hard hat) - CSA approved, adj. suspension	4	
Hearing protection (ear plugs, pair)	12	
Safety glasses - CSA	6	
Safety goggles, clear lens – CSA	6	
<b><i>Respiratory Protection</i></b>		
Full or Half Face Mask with appropriate cartridges and spares	6	
SCBA with bottle (*if required for contracted chemicals)	4*	
Spare air bottles for SCBA (*if required for contracted chemicals)	4*	
<b><i>Safety Equipment</i></b>		
Air Horn	1	
Burn kit	1	
Decontamination station (any combination of pools, showers, etc. used for decontamination)	1 set	
Eye wash kit	1	
Fire extinguisher, 20 lb. (10 kg) – dry chemical	1	
First Aid kit, 10 persons	1	
Fall protection equipment (full body harness with lanyard)	2	
Personal Flotation Device (PFD), Approved	4	
Safety warning equipment:		
• Barrier Tape (“DO NOT ENTER”, 2” x 150’)	2	
• Reflective (traffic) vests	4	
• Traffic warning cones, lights – 12” fluorescent red	8	

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<b>Monitoring Equipment</b>		
Combustible Gas Indicator (LEL detection), spare or rechargeable batteries w/charger	1	
O <sub>2</sub> meter	1	
pH meter or paper	1	
Colorimetric Tubes or equivalent (as appropriate for contracted chemicals)	1 box	
<b>Reference materials</b>		
Portable library including:		
• Access to MSDS'		
• Chemical Compatibility charts	1	
• ER Guide (current)	1	
• Team Standard Operating Guidelines (SOG)	1 copy	
• Client's ERAP information	1	
<b>Equipment General</b>		
Binoculars	1	
Boom, inland river – minimum 100 ft. (30 m)	1	
Decontamination station (any combination of pools, showers, etc. used for decontamination)	1 set	
Fuel - 6 hour supply for generator	1	
Generator, portable (for lights)	1	
Grounding/Bonding equipment:	1 kit	
• Continuity tester or earth resistant tester – 1		
• Grounding (one of below)		
➤ Rods, 6', 50' cable - 2		
➤ Grounding plates, 50' cable - 2		
• Grounding cables, 50' vice grips and clamps - 6		
Ladder, extension - 3 meters, minimum grade 1	1	
Lighting, hand held (flashlight), class 1 div. 2, with batteries (ULC/CSA, safe hazard)	4	
Lighting, portable (minimum 4 x 500W)	1 set	
Neutralizing agents for:		
• Acids	20 x 25kg bags	
• Bases	20 x 25kg bags	
Overpack salvage drums		
• Metal (85 USG capacity)	1	
• Polyethylene (95 USG capacity)	1	
Pails, metal with bonding cables	2	
Patching kit, container	1	
• Plug n Dyke, 4 litre container – 1		
• Assortment of wooden plugs – 1		
• Dome clamps (2 - 18", 2 - 22")		
Photographic equipment w/batteries	1	

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Rope, polypropylene ½", 200 ft. (60 m)	1	
Rope, polypropylene ¾", 200 ft. (60 m)	1	
Sorbent pads for hydrocarbons 18"x18"x3/16", 100 per bag	5	
Sorbent material for aqueous solutions	500 pads	
Vehicles, motorized (e.g. truck, van)	2	
Wind indicator (wind sock)	1	
<b>Hand Tools</b>		
Others hand tools (e.g. hammers, screw drivers, wrenches, ...) are expected but not specified.		
Air drill	1	
Air hose, ½", 150 psig, 150 ft. - 1	1	
Air supply, 100 psig, 15 cfm capacity	1	
Broom, push – 24" c/w handle	2	
Hole saws c/w pilot drills (2, 3, 4 inch)	2	
Shovel, aluminum	2	
Spade, long handled	2	
Squeegees	2	

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### Specialty Equipment as Required for Contracted Chemicals

Specialty Equipment Description	Quantity	Verified
<b><i>Class 2.1, Liquefied Petroleum Gas</i></b>		
Transfer equipment (pump/hoses/fittings/power)	1 set	
Flaring equipment	1 set	
Nitrogen cylinder with regulator and hoses	1 set	
External shut off valves	4	
Gas detection (LEL/O <sub>2</sub> /H <sub>2</sub> S)	1	
<b><i>Class 2.3, Chlorine</i></b>		
"A" Kit (cylinders)	1	
"B" Kit (ton containers)	1	
"C" Kit (rail cars)	1	
Transfer equipment for railcar (pump or compressor, hoses, fittings and power)	1 set	
Transfer equipment for one ton containers and cylinders (pig tails)	1	
Chlorine detector	1	
Nitrogen cylinders with regulator and hoses.	1 set	
Gaskets (viton; within service date)	1 set	
External shut off valves	4	
<b><i>Class 2.3, Sulphur Dioxide</i></b>		
Capping Kit for small cylinders with gaskets for sulphur dioxide	1	
Capping Kit for ton containers with gaskets for sulphur dioxide	1	
Capping Kit for railcars/trucks with gaskets for sulphur dioxide	1	
Transfer equipment for railcar/trucks (pump/hoses/fittings/power)	1 set	
Transfer equipment for one ton containers and cylinder (pig tails)	1	
Sulphur dioxide detector	1	
Nitrogen cylinder with regulator and hoses	1 set	
External shut off valves	4	
<b><i>Class 2.3 (8) (Anhydrous Ammonia) - no brass</i></b>		
Transfer equipment (pump/hoses/fittings/power)	1 set	
Flaring equipment with propane injection capability	1 set	
Nitrogen cylinder with regulator and hoses	1 set	
External shut off valves	4	
Capping Kit for small cylinders with gaskets for anhydrous ammonia	1	
Capping Kit for ton containers with gaskets for anhydrous ammonia	1	
Capping Kit for railcars with gaskets for anhydrous ammonia	1	
Anhydrous ammonia detector	1	