

TEAP III TERSP Standard Essential and Specialty Equipment List

Essential Equipment Description	Quantity	Verified
<i>Chemical Protective Clothing</i>		
Level 'A' Protection - fully encapsulated, airtight chemical suit with SCBA (compatible with stated capability)	4	
Level 'B' Protection – chemical splash suit or full coverage non-airtight chemical suit with SCBA (compatible with stated capability)	4	
Level 'C' Protection – chemical splash suit with cartridge respirator (compatible with stated capability)	4	
Level 'D' Protection – work uniform such as coveralls, boots, gloves and hard hat (may include face shield, goggles, splash suit, ...)	4	
<i>Basic Personal Protective Equipment</i>		
Safety boots (CSA approved) are personal items that will not be assessed		
Boots, rubber w/steel toe – CSA approved	6	
Clothing, cold weather (flame retardant)	6 sets	
Clothing, flame retardant	6 sets	
Clothing, raingear - PVC, FRC spec, jacket and pants	6	
Gloves, chemical resistant (compatible with stated capability)	12	
Gloves, leather face	12	
Head protection (hard hat) - CSA approved, adj. suspension	6	
Hearing protection (ear plugs, pair)	12	
Safety glasses – CSA approved	6	
Safety goggles, clear lens – CSA approved	6	
<i>Respiratory Protection</i>		
Full or Half Mask Respirators	6	
Cartridges for respirators – sets	18	
SCBA with bottle (*if required for stated capability)	4*	
Spare air bottles for SCBA (*if required for stated capability)	4*	
<i>Safety Equipment</i>		
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 by Transport Canada or equivalent	4	
Safety warning equipment:		
• Barrier Tape (“DO NOT ENTER”, 2” x 150’)	2	
• Reflective (traffic) vests	6	
• Traffic warning cones, 70 cm height with reflective tape	8	

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Monitoring Equipment		
Portable gas detector (LEL, CO, H2S, O2) calibration equipment	4	
pH meter or paper	1	
Colorimetric Tubes or equivalent (as appropriate for contracted chemicals)	1 box	
PID (photoionization detector)	1	
Reference materials		
Portable library including:		
• Access to SDS		
• Chemical Compatibility charts	1	
• ER Guide (current)	1	
• Team Standard Operating Guidelines (SOG)	1 copy	
• Client's ERAP information	1	
Equipment General		
Binoculars	1	
Boom, inland river – minimum 100 ft. (30 m)	1	
Generator, Fuel - 6 hour supply	1	
Generator, portable (for lights minimum 2000W)	1	
Static Electricity Control equipment: • Continuity tester • Grounding (one of below) ➤ –Ohm meter (testing bonds) ➤ Megger (testing ground) ➤ Grounding plates, 50' cable – 4 • 50' (minimum no.6 AWG) Bonding & Grounding Cables with clamps - 10	1 kit	
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)	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 • All weather plugging compound-immediate deployable plugging compound– 1 • Assortment of wooden plugs – 1 • Dome clamps (2 - 18", 2 - 22")	1	
Minimum 20 kg of road salt (not ice melter) or equivalent	1	
Rope, polypropylene, 200 ft. (60 m)	2	

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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	
Wheel chock set (2 rubber blocks)	2	
Wind indicator (wind sock)	1	
Trash Pump flushing kit <ul style="list-style-type: none"> • 2" aluminum or equivalent • Fire hose nozzle for flushing purposes • Discharge hose 2" 100 ft • Suction hose 	1	
Hand Tools		
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	
Air supply, 100 psig, 15 cfm capacity	1	
Axe	1	
Broom, push – 24" c/w handle	2	
Drum plug wrench	1	
Hole saws c/w pilot drills (2, 3, 4 inch)	2	
Machine oil lubricant	1	
Shovel, aluminum	2	
Spade, long handled	2	
Squeegees	2	
Non-spark tool Kit- <ul style="list-style-type: none"> • no spark hammer • non spark pliers • Phillips screw driver • bung wrench • hammer • shovel • file channel lock or equivalent gripping device.	1	

**TEAP III TERSP Standard
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Required for Stated Capability**

Specialty Equipment Description	Quantity	Verified
<i>Class 2.1, Liquefied Petroleum Gas</i>		
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	
<i>Class 2.3, Chlorine – CHLOREP Level 2</i>		
"A" Kit (cylinders)	1	
"B" Kit (ton containers)	1	
"C" Kit (rail cars)	1	
Chlorine cylinder recovery vessel – 150 lbs. / 68 kg. (within service date) or documented 24-hour access to equipment	1	
Transfer equipment for one ton containers and cylinders (pig tails)	1	
Chlorine detector	1	
Nitrogen cylinders with regulator and hoses.	1 set	
Gaskets (viton A; within service date)	1 set	
<i>Class 2.3, Sulphur Dioxide</i>		
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	
<i>Class 2.3 (8) (Anhydrous Ammonia) - no brass</i>		
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	

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<i>Class 3, Flammable Liquid – LSEP, Road Transportation ONLY (UN 1202 and 1203)</i>		
Absorbent material – 2 cu. ft. bags	5	
Air brake fittings (glad hand)	1	
Camlock adapter, 2" x 3" (female to female)	1	
Camlock adapter, 2" x 3" (female to male)	1	
Camlock adapter, 2" x 4" (female to female)	1	
Camlock adapter, 2" x 4" (female to male)	1	
Drop tubes / stinger (aluminum) – 8 ft.	2	
Earth resistance tester	1	
Electrical cable, 200 ft. (minimum 12 AWG/03 wire)	1	
Generator to power electric pump if applicable	1	
Inland river boom (100 ft. total)	1	
Neoprene drain stoppers, 48" x 48"	4	
Plastic disposal bags, 5 mm	25	
Portable berm for diesel/gasoline powered equipment (minimum 3 ft. x 3 ft. x 6")	2	
Portable storage, minimum 1000 gal.	1	
Product hose, 2", 250 psig, camlocks, 200 ft.	1	
Pump, transfer (Diesel, Electric, Hydraulic)	1	
Pump repair kit or spare pump	1	
Sorbent boom 120 ft x 8"	1	
Pump with appropriate power source	1	