

Transportation Emergency Response Service Provider Standard Essential and Specialty Equipment List

Essential Equipment Description	Quantity	Verified
<i>Chemical Protective Clothing</i>		
Level 'A' Chemical Suit (compatible with contracted chemicals)	4	
Level 'B' Chemical Protective Clothing (compatible with contracted chemicals)	4	
Level 'C' Chemical Protective Clothing	4	
Level 'D' Chemical Protective Clothing - splash	4	
<i>Basic Personal Protective Equipment</i>		
Head protection (hard hat)	4	
Gloves	6	
Safety glasses	6	
Safety boots	6	
Ear protection	6	
Flame retardant clothing	6 sets	
Cold weather clothing	6 sets	
<i>Respiratory Protection</i>		
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*	
<i>Safety Equipment</i>		
First Aid kit	1	
Burn kit	1	
Eye wash kit	1	
Personal Flotation Device (PFD)	4	
Fall protection equipment	2	
Safety warning equipment:		
• Barrier Tape	1 roll	
• Reflective vests	4	
• Traffic warning cones, lights	8	
<i>Monitoring Equipment</i>		
Combustible Gas Indicator (LEL detection)	1	
O ₂ meter	1	
pH meter or paper	1	
Colorimetric Tubes or equivalent (as appropriate for contracted chemicals)	1 box	
<i>Reference materials</i>		
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	

Essential Equipment Description	Quantity	Verified
Equipment General		
Air Horn	1	
Hand Held lighting (flashlight), class 1 div. 2, with batteries	4	
Binoculars	1	
Photographic equipment	1	
Portable lighting (minimum 4 x 500W)	1 set	
Generator (for portable lights)	1	
Fuel - 6 hour supply for generator	1	
Wind indicator	1	
Hand tools:	Assorted	
• Picks	2	
• Shovels	4	
• Brushes	2	
• Squeegees	2	
Extension ladder, 3 meters, industrial grade	1	
Rope	60m	
Hole saws c/w pilot drills (2, 3, 4 inch) plus air supply and hoses	1	
Fire extinguisher: 20 lb. - dry chemical	1	
Equipment Specialty		
Containment boom	30 m	
Sorbent Material for hydrocarbons	500 pads	
Sorbent material for aqueous solutions	500 pads	
Container patching kit	1	
Overpack drums		
• Metal	1	
• Polyethylene	1	
Neutralizing agents for:		
• Acids	20 X 25kg bags	
• Bases	20 X 25kg bags	
Decontamination station (any combination of pools, showers, etc. used for decontamination)	1 set	
Bonded metal pails (cable and clamp)	2	
Grounding/Bonding equipment: multi-meter, cables and rods	1 kit	

Specialty Equipment as Required for Contracted Chemicals

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	
Gas detection (LEL/O ₂ /H ₂ S)	1	
<i>Class 2.3, Chlorine</i>		
"A" Kit (cylinders)	1	
"B" Kit (ton containers)	1	
"C" Kit (rail cars)	1	
Transfer equipment for railcar (pump or compressor/hoses/fittings/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	
<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)	1set	
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	

Specialty Equipment as Required for Contracted Chemicals

Specialty Equipment Description	Quantity	Verified
Class 3, 5.1, 8 ... TO BE COMPLETED		
Pump for transferring capability		
Hydrocarbon transfer equipment (pump/hoses/fittings/power)	1 set	
Other:		
• Solvents transfer equipment (pump/hoses/fittings/power)		
• Acids/bases transfer equipment (pump/hoses/fittings/power)		
• Hydrogen Peroxide transfer equipment (pump/hoses/fittings/power)		
• Other (specify)		