



## **Hazardous Materials Operations and Technician: Equipment List**

**Effective May 1, 2016**

1. Have a classroom with adequate lighting, heating, cooling and ventilation.
2. Have adequate training grounds training free of environmental hazards.
3. Have the equipment cache listed.

**All items must meet current NFPA standards, where applicable**

<b>Item Description</b>	<b>Qty</b>
<b>Decontamination Equipment</b>	
Rolls of plastic sheeting	
Retention basins or system capable of holding a backboard patient on stands during decontamination	
Gross decontamination shower	
<b>Detection and Analysis</b>	
pH paper	
Combustible gas detector (CGD) (can be a combination unit)	
Oxygen concentration monitor (can be a combination unit)	
Radiological dosimeters (mR scale)	
Gamma/Beta Survey meter (can be combination unit)	
Survey meter capable of detecting alpha emissions (can be a combination unit)	
Colorimetric detection device	
Sampling supplies for collecting liquid samples	
Sampling supplies for collecting solid samples	
<b>Spill Control Equipment</b>	
spill control pads	
spill control booms	
200 feet utility rope	
flaring torches for LPG	
Chlorine rail kit if rail hazards are present in the jurisdiction	
Chlorine "A" Kit	
Chlorine "B" Kit	
Assorted leak control plugs and patching materials	
dome clamps	
Assorted cribbing	
85 gallon over-pack drum	
Misc. over-packing containers	

Item Description	Qty
<b>Reference and Research</b>	
Chemical Hazardous and Response Information System (CHRIS) Volume II Data Sheets	
NIOSH Pocket Guide to Chemical Hazards	
Condensed Chemical Dictionary	
Merck Index	
NFPA Fire Protection Guide to Hazardous Materials	
Handbook of Reactive Chemical Hazards	
Crop Protection or Farm Chemicals Handbook	
ACGIH Threshold Limit Values <sup>®</sup> and Biological Exposure Indices	
Emergency Response Guides for Chemical and Biological Warfare Agents – Sidwell or equivalent	
PC or Laptop computer with field internet connectivity	
Computer printer	
CAMEO, ALOHA, MARPLOT	
E-Plan Access	
HazMat FOG	
<b>Personal Protective Equipment</b>	
SCBA	
Full Face Piece Air Purifying Respirator (APR) or Powered Air Purifying respirator (PAPR)	
chemical resistant gloves	
chemical resistant boots	
Vapor protective garments	
Liquid Splash protective garments	
Particulate protective garments	
firefighter protective clothing for each firefighter	
<b>Props</b>	
A Kit, B Kit, and/or C Kit Trainer Props	
Leaking pipe/valve Prop	
Plug/Patch Prop	
MC 306/406 Prop	