Fire & Rescue Division
Special Operations Unit – Hazardous Materials

HAZ-MAT Company Resource Types – Quick Reference:

Haz-Mat Company resources are “typed” based upon an identified operational capability. Three levels (tiers) of Haz-Mat Company operational capability have been identified. These levels are based upon an increasing capability of intervention with an identified minimum amount of training and equipment.

<table>
<thead>
<tr>
<th>Type of Incident:</th>
<th>Type 1</th>
<th>Type 2</th>
<th>Type 3</th>
</tr>
</thead>
</table>
|                   | ● Known Industrial Chemicals  
● Unknown Industrial Chemicals  
● WMD / CBRN Substances | ● Known Industrial Chemicals  
● Unknown Industrial Chemicals | ● Known Industrial Chemicals |
| Air Monitoring:   | ● Combustible Gas  
● Carbon Monoxide  
● Hydrogen Sulfide  
● Specialty Gases  
● WMD/CBRN | ● Combustible Gas  
● Carbon Monoxide  
● Hydrogen Sulfide  
● Specialty Gases | ● Combustible Gas  
● Carbon Monoxide  
● Hydrogen Sulfide |
| Chemical Protective Ensembles: | ● Liquid-Splash Protective  
● Vapor Protective  
● WMD/CBRN Protective | ● Liquid-Splash Protective  
● Vapor Protective  
● Hi-Temp. Protective Gloves | ● Liquid-Splash Protective |
| Ancillary Protective Clothing: | ● Hi-Temperature Gloves  
● Cryogenic Protective Gloves  
● WMD/CBRN Protective Gloves  
● Radiological Protective Gloves | ● Hi-Temperature Gloves  
● Cryogenic Protective Gloves | |
| Radiation Monitoring: | ● Gamma  
● Beta  
● Alpha  
● Radionuclide | ● Gamma  
● Beta | ● Gamma  
● Beta |
| Technical Reference: | ● Printed & Electronic  
● Plume Air Modeling, Overlays  
● WMD/CBRN Sources | ● Printed & Electronic  
● Plume Air Modeling, Overlays | ● Printed & Electronic |
| Intervention Capability: | ● Dyking, Absorption  
● Liquid & Solid Plugging, Patch  
● Vapor Leak Plugging, Patch  
● Neutralization  
● WMD/CBRN Containment | ● Dyking, Absorption  
● Liquid & Solid Plugging, Patch  
● Vapor Leak Plugging, Patch  
● Neutralization | ● Dyking, Absorption  
● Liquid & Solid Plugging, Patch |
| Decontamination: | ● Known Industrial Chemicals  
● Unknown Industrial Chemicals  
● WMD / CBRN Substances | ● Known Industrial Chemicals  
● Unknown Industrial Chemicals | ● Known Industrial Chemicals |
| Training: | ● Hazardous Materials Specialist (240 hour)  
● Terrorist Technician/Specialist (16 hour) | ● Hazardous Materials Specialist (240 hour) | ● Hazardous Materials Technician (160 hour) |