



CALIFORNIA OFFICE OF EMERGENCY SERVICES

Fire and Rescue Division
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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.

	Type 1	Type 2	Type 3
Type of Incident:	<ul style="list-style-type: none"> Known Industrial Chemicals Unknown Industrial Chemicals WMD / CBRN Substances 	<ul style="list-style-type: none"> Known Industrial Chemicals Unknown Industrial Chemicals 	<ul style="list-style-type: none"> Known Industrial Chemicals
Air Monitoring:	<ul style="list-style-type: none"> Combustible Gas Carbon Monoxide Hydrogen Sulfide Specialty Gases WMD/CBRN 	<ul style="list-style-type: none"> Combustible Gas Carbon Monoxide Hydrogen Sulfide Specialty Gases 	<ul style="list-style-type: none"> Combustible Gas Carbon Monoxide Hydrogen Sulfide
Chemical Protective Ensembles:	<ul style="list-style-type: none"> Liquid-Splash Protective Vapor Protective WMD/CBRN Protective 	<ul style="list-style-type: none"> Liquid-Splash Protective Vapor Protective Hi-Temp. Protective Gloves 	<ul style="list-style-type: none"> Liquid-Splash Protective
Ancillary Protective Clothing:	<ul style="list-style-type: none"> Hi-Temperature Gloves Cryogenic Protective Gloves WMD/CBRN Protective Gloves Radiological Protective Gloves 	<ul style="list-style-type: none"> Hi-Temperature Gloves Cryogenic Protective Gloves 	
Radiation Monitoring:	<ul style="list-style-type: none"> Gamma Beta Alpha Radionuclide 	<ul style="list-style-type: none"> Gamma Beta 	<ul style="list-style-type: none"> Gamma Beta
Technical Reference:	<ul style="list-style-type: none"> Printed & Electronic Plume Air Modeling, Overlays WMD/CBRN Sources 	<ul style="list-style-type: none"> Printed & Electronic Plume Air Modeling, Overlays 	<ul style="list-style-type: none"> Printed & Electronic
Intervention Capability:	<ul style="list-style-type: none"> Dyking, Absorption Liquid & Solid Plugging, Patch Vapor Leak Plugging, Patch Neutralization WMD/CBRN Containment 	<ul style="list-style-type: none"> Dyking, Absorption Liquid & Solid Plugging, Patch Vapor Leak Plugging, Patch Neutralization 	<ul style="list-style-type: none"> Dyking, Absorption Liquid & Solid Plugging, Patch
Decontamination:	<ul style="list-style-type: none"> Known Industrial Chemicals Unknown Industrial Chemicals WMD / CBRN Substances 	<ul style="list-style-type: none"> Known Industrial Chemicals Unknown Industrial Chemicals 	<ul style="list-style-type: none"> Known Industrial Chemicals
Training:	<ul style="list-style-type: none"> Hazardous Materials Specialist (240 hour) Terrorist Technician/Specialist (16 hour) 	<ul style="list-style-type: none"> Hazardous Materials Specialist (240 hour) 	<ul style="list-style-type: none"> Hazardous Materials Technician (160 hour)