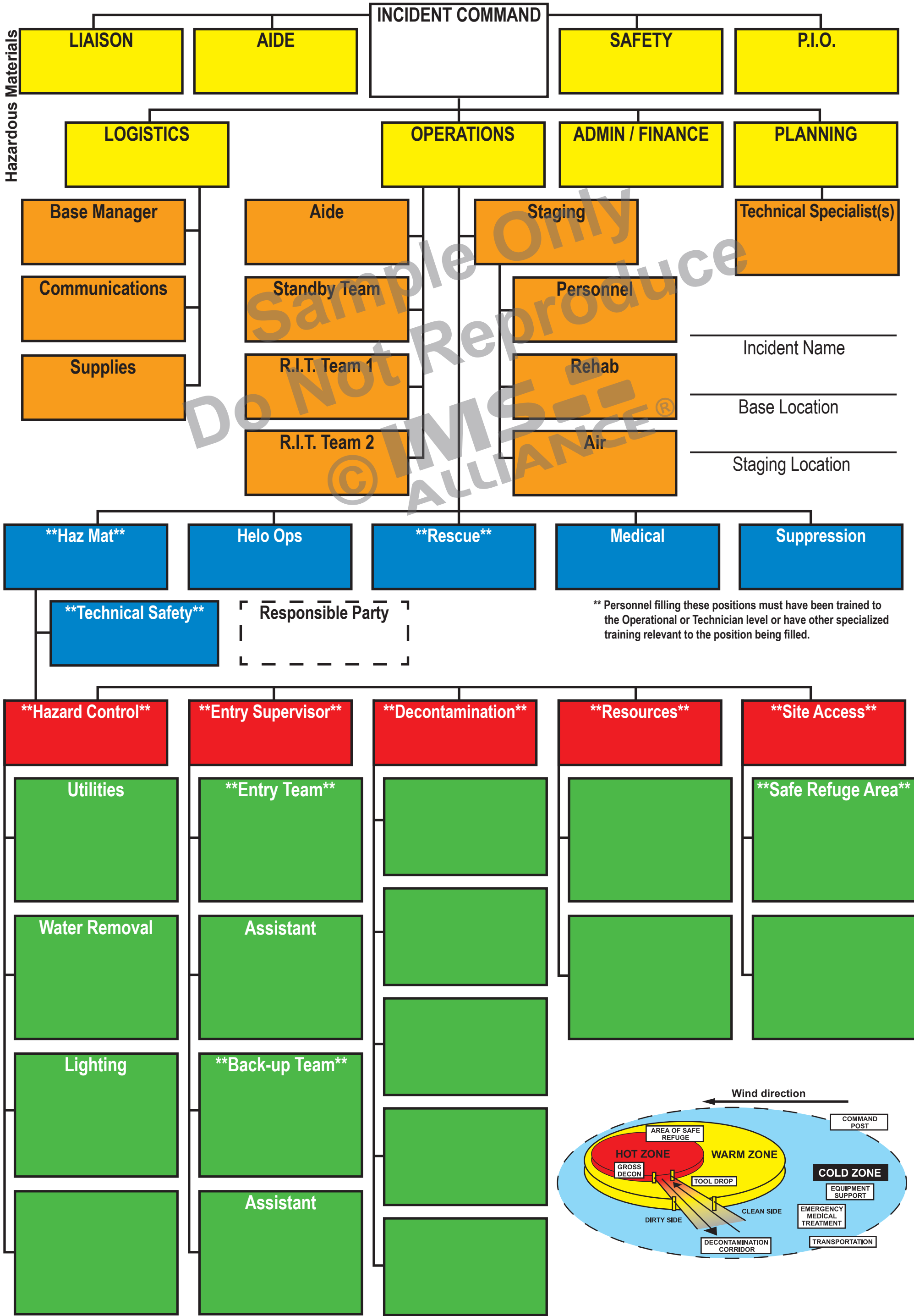


# Hazardous Materials Incident Organizational Board



(NOTE: Grease Pencil or Sharpie® Brand Marker Recommended)

# Hazardous Materials Incident Checklist

## SIZE-UP & INITIAL ACTIONS

- ☐ Obtain as much information as possible en route to the incident
- ☐ Approach scene from upwind / upstream / upgrade of the incident
- ☐ Use binoculars from a distance to identify product(s)
- ☐ Establish Command and name the incident
- ☐ Ensure accountability system is utilized
- ☐ Utilize DOT Emergency Response Guidebook to determine initial isolation and protective action distances and proper protective clothing
- ☐ Park vehicles headed away from incident for rapid egress if necessary
- ☐ Don appropriate personal and respiratory protection
- ☐ Isolate area and deny entry, establish safety zones
- ☐ Minimum safety perimeter for citizens + 1000' beyond inner perimeter boundary
- ☐ Secure witness or competent person
- ☐ Acquire shipping papers, MSDS's, product ID numbers, name of shipper, maps, etc.
- ☐ Determine number and location of victim(s)
- ☐ Establish communication and determine condition of victim(s) if safe to do so
- ☐ You may have to delay attending to the injured in order to save many other lives
- ☐ Identify immediate hazards (spills, fumes, run off, explosions)
- ☐ Stay away from ends of tanks that are exposed to fire
- ☐ Withdraw immediately in case of rising sound from containers
- ☐ Never eat, drink, or smoke around hazmat incident until after decontamination
- ☐ Determine if rescue or body recovery

## REQUEST ADDITIONAL RESOURCES / SUPPORT

- ☐ Contact Chemtrec 1-(800) 424-9300
- ☐ National Response Center 1-(800) 424-8802
- ☐ Radiation Emergencies: 512-458-7460
- ☐ Determine and announce Base and Staging locations
- ☐ Hazardous Materials Response Team
- ☐ Department of Ecology
- ☐ Department of Health
- ☐ Department of Emergency Services / Office of Emergency Services
- ☐ Weather conditions / monitoring (wind, rain, direction, etc...)
- ☐ Ventilation, Air Systems, Decontamination
- ☐ Communications Equipment
- ☐ Law Enforcement
- ☐ Medical Aid for Medical Monitoring and Patient
- ☐ Rehab
- ☐ Incident Dispatch Team

**CANADIAN RESOURCES**

- ☐ CANUTEC 613-996-6666
- ☐ Environment Canada 1-780-499-2432
- ☐ Environment Alberta 1-800-222-6514
- ☐ Radiation Emergencies 512-458-7460

## PRE-ENTRY OPERATIONS

- ☐ Assign necessary functions from Organizational Chart on reverse
- ☐ Don identifications vests
- ☐ Identify hazards - explosion, entrapment, BLEVE
- ☐ Perform an ongoing Risk versus Benefit analysis of the rescue / mitigation efforts
- ☐ Ensure that atmospheric monitors are properly calibrated
- ☐ Test atmosphere for oxygen deficiency, flammability, and toxicity
- ☐ Ventilate as needed
- ☐ Establish equipment cache area
- ☐ Determine mode of communications
- ☐ Ensure Back-up / R.I.T. teams are in place
- ☐ Medical Monitoring for entry backup teams


















































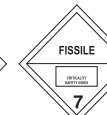














## ENTRY / RESCUE OPERATIONS

- ☐ Identify and establish strategic goals and objectives
- ☐ Develop Incident Action Plan and Back-Up Plan
- ☐ Brief crews, communicate plans
- ☐ Set up personal and remote air monitoring as needed
- ☐ Only those emergency personnel in the proper level of compatible protective clothing and positive pressure self-contained breathing apparatus who are actively performing emergency operations are to operate within the inner perimeter
- ☐ Consult protective clothing compatibility date to ensure available protective clothing is compatible with the material(s) involved in the incident
- ☐ Lockout / tagout equipment and potential ignition or flooding sources
- ☐ Gain access to patient(s) and treat life-threatening conditions
- ☐ Contain, confine, control spill using accepted and proven methods

## TERMINATION

- ☐ Perform roll call to account for all involved personnel
- ☐ Remove tools and equipment, secure the scene
- ☐ Decontaminate personnel and equipment if indicated
- ☐ Notify OSHA or other regulatory agencies
- ☐ Fill out personal exposure reports and maintain records
- ☐ Complete necessary documentation and notifications
- ☐ Conduct incident debriefing

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PROBLEMS	STRATEGIES	TACTICS	UNITS
* ALL REFERENCES BASED ON DOT ERG 2020 EDITION			
Class 1 – Explosives <div>DIVISION 1.1 Explosives with a mass explosion hazard (DOT ERG Guide 112) DIVISION 1.2 Explosives with a projection hazard (DOT ERG Guide 112) DIVISION 1.3 Explosives with predominantly a fire hazard (DOT ERG Guide 112) DIVISION 1.4 Explosives with no significant blast hazard (DOT ERG Guide 114) DIVISION 1.5 Very insensitive explosives: blasting agents (DOT ERG Guide 112) DIVISION 1.6 Extremely insensitive detonating articles (DOT ERG Guide 114)</div> <div></div>			
Class 2 – Gases <div>DIVISION 2.1 Flammable Gases (DOT ERG Guide 118) DIVISION 2.2 Non-flammable, non-toxic gases (DOT ERG Guide 121) DIVISION 2.3 Toxic Gases (DOT ERG Guide 122) (DOT ERG Guide 123) (DOT ERG Guide 125)</div> <div></div>			
Class 3 – Flammable liquids (and Combustible Liquids [U.S.]) (DOT ERG Guide 127) (DOT ERG Guide 128) <div></div>			
Class 4 – Flammable Solid; Spontaneously combustible materials; and Dangerous when wet materials / Water-reactive substances <div>DIVISION 4.1 Flammable Solids (DOT ERG Guide 134) DIVISION 4.2 Spontaneously combustible materials (DOT ERG Guide 136) DIVISION 4.3 Water-Reactive substances / Dangerous when we materials (DOT ERG Guide 139)</div> <div></div>			
Class 5 – Oxidizing Substances and Organic Peroxides <div>DIVISION 5.1 Oxidizing Substances (DOT ERG Guide 143) DIVISION 5.2 Organic Peroxides (DOT ERG Guide 148)</div> <div></div>			
Class 6 – Toxic substances and Infectious substances <div>DIVISION 6.1 Toxic substances (DOT ERG Guide 153) DIVISION 6.2 Infectious substances (DOT ERG Guide 158)</div> <div></div>			
Class 7 – Radioactive Material (DOT ERG Guide 163) <div></div>			
Class 8 – Corrosive Substances (DOT ERG Guide 153) <div></div>		Class 9 – Misc. Hazardous Materials / Products, Substances or Organisms (DOT ERG Guide 111) (DOT ERG Guide 171) (DOT ERG Guide 138) (DOT ERG Guide 147) <div></div>	

Waiver: "This board is a tool designed to assist the Incident Commander or other members in managing small or large scale incidents or training evolutions. Those in management roles should comply with NFPA 471, 472, 473, 1006, 1021, 1561, and any other relevant codes and standards. IMS Alliance is not responsible for the training, application, or use of this tool."