

## Hazardous Materials on Scene Operations

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### PURPOSE

Due to the wide variety of situations the Mobile Fire Rescue Department's HazMat Team may encounter, this document is merely a guide and does not provide specific procedures on any one individual chemical or situation and is not listed in priority.

### DEFINITIONS

*Minor Incidents:* May include, vehicle fuel tank leaks, the investigation of chemical odors, discovery of abandoned containers, gas main leaks, etc.

*Major Incidents:* May be either a hazardous materials emergency involving air, water, rail or highway transportation; or a release from fixed facility which manufacture and/or store hazardous materials.

### POSITION ASSIGNMENTS ON MAJOR INCIDENTS

#### Required:

- Incident Commander – The person responsible for the management of all incident operations. Shall be trained to 29 CFR 1910.120.
- Incident Safety Officer – Training Chief or his/her designee that is responsible for monitoring and assessing the safety hazards and unsafe conditions on the scene as a whole. Possesses both the authority and responsibility to stop any unsafe actions and correct unsafe practices. Shall be trained to 29 CFR 1910.120.
- Operations Section Chief - The Operations Section Chief directly manages all incident tactical activities and implements the Incident Action Plan (IAP). Shall be trained to 29 CFR 1910.120.
- Haz-Mat Safety Officer – Responsible for ensuring that safe and accepted practices and procedures are followed throughout the incident involving Haz-Mat Team. Possesses both the authority and responsibility to stop any unsafe actions and correct unsafe practices during haz-mat site operations. Shall be responsible for the Site Safety Plan whenever entry is made.
- Haz-Mat Research – Research, gather and compile information from both public and private agencies on the products involved. Provide recommendations on PPE and possible environmental impacts of a release. Reports to the Operations Section Chief or Haz-Mat Branch Director.
- Entry Team Leader – Recommend actions to the Haz-Mat Branch Director or Operations. Implement actions as directed by the Haz-Mat Branch Director/Operations. Directs rescue operations within the hot zone and coordinate all entries with Decon, Haz-Mat Safety, and Medical.
- Decon Officer – Ensure that proper decon procedures are used by the Decon Team, including decon area set-up, decon methods, staffing, protective clothing requirements, and demobilization.
- Haz-Mat Medical Officer – Provide pre-entry and post-entry medical monitoring of all entry and back-up personnel. Complete the ICS 206-MFRD (Medical Plan & Surveillance) and turn into the Haz-Mat Branch Director or Operations. On large scale incidents, the designation for the Haz-Mat Medical Officer is “Haz-Mat Medic.”

#### *To Be Considered:*

- Planning Officer - The Planning Section Chief oversees all incident-related data gathering and analysis regarding incident operations and assigned resources, develops alternatives for tactical operations, conducts planning meetings, and prepares the IAP for each operational period.
- Haz-Mat Branch Director – The officer responsible for the management and coordination of all functional responsibilities assigned to the Haz-Mat Branch. Reports to the Operations Section Chief. Shall complete an ICS 214 – Unit Log

- Haz-Mat Resource – Responsible for control and tracking of all supplies used by the Haz-Mat Team during an incident. This includes all expendables.
- Liaison Officer – Incidents that are multi-jurisdictional, or have several agencies involved, may require the establishment of the LO position on the Command Staff.
- Finance Officer – Will track expenses accumulated due to the incident.

## **DECONTAMINATION**

### Minor Incident

Follow OG 3029

### Major Incident

The Decon Officer shall determine the type of Decon to be established and site location. During site selection the following needs to be considered:

- Water supply
- Runoff
- Environmentally Sensitive Areas

### Decon Corridor Rules

- Decon Station Designated
- Minimum of 50 feet from the start of the cold zone in to the warm zone.
- Establish a “dirty and clean” side of the decontamination corridor
- Decon personnel shall be in the same level of PPE or one level below as the entry team
- Containment Basins
- Water Flow
- Sufficient Disposal Containers
- Spare respiratory protection devices available for decon personnel and entry crews
- Entry and exit points are well marked
- All Decon personnel must be decontaminated before leaving the Decon Corridor

## **PAPERWORK – Responsibility of *BOTH* HazMat Captains and/or Acting Captains**

All paperwork shall be completed before the end of the shift, unless it is a major incident accruing after midnight; in which case it shall be completed the next workday.

### MS4 Reporting

Any incident involving substance that has spilled on to the ground shall be documented by:

- Photographs of the spill (1 up close and one of the scene) and placed in a designated file on the Firepub Drive.

The HazMat Coordinator or Homeland Security Chief will then contact the MS4 Representative and provide the following:

- Incident Number
- Location of spill
- Substance
- And if the spill reached the waterways

### Minor Incidents

Provide a detailed narrative in computer run program to include, but not limited to:

- Scene Description
- Hazard’s Name, Container Type, and Quantity

- Actions taken by other agencies and/or MFRD
- Actions taken by HM15\*
- Who the scene was turned over to.

\*T10 & E15 will also complete narratives; however these will only support HM's narrative.

### Major Incidents

Provide a detailed narrative in computer run program to include, but not limited to:

- Scene Description
- Hazard's Name, Container Type, and Quantity
- Actions taken by other agencies and/or MFRD
- Actions taken by HM15\*
  - Site Management and Control Actions
  - Products to include quantity
  - Recon and Entries
  - Decon
- Who the scene was turned over to.

\*T10 & E15 will also complete narratives; however these will only support HM's narrative.

### To be turned in to the HazMat Coordinator for all Major Incidents

*This paperwork shall be scanned placed in designated file on the Firepub Drive*

- ICS 214 – Unit Log *(Not Optional)*
- ICS 208 HM – Site Safety Plan *(Not Optional when any entry is made)*
- HazMat Incident Workbook *(Required on ALL Reportable Quantities major or minor)*
  - Responsible Party
  - Personnel & Apparatus
  - Specialty Equip & PPE
  - Consumables
  - HazMat Equipment
- ICS 206-MFRD – Medical Plan & Surveillance *(Completed on all incidents when Level B or higher entries are made)*
- ICS 203A – Accountability Form *(Completed on all incidents lasting more than 2 hours)*
- All MSDS
- All other applicable paperwork for documentation and record keeping including business cards, accident/injury reports, etc

All forms and scanned copies shall be saved to a designated file on the Firepub\$ Drive. Originals/hard copies shall be saved at the station for future reference.