

## I. Scope

This standard establishes guidelines to be followed during the management of an incident involving hazardous materials. It was created to:

- A. Establish guidelines for the management of a hazardous materials incident.
- B. Provide for the safety of emergency response personnel.

## II. Definitions

The following definitions are taken from a variety of sources including NFPA 472, *Standards for Professional Competence of Responders to Hazardous Materials Incidents*.

- A. Cold Zone: The zone of the hazardous materials incident that contains the command post and such other support functions as are deemed necessary to control the incident. This zone is also referred to as the clean zone or support zone.
- B. Confinement: Those procedures taken to keep a material in a defined or local area once released.
- C. Containment: the actions taken to keep materials in its container (e.g., stop the release of material or reduce the amount being released).
- D. Contaminant: A hazardous material that physically remains on or in people, animals, the environment, or equipment, thereby creating a continuing risk of direct injury or a risk of exposure outside the hot zone.
- E. Decontamination: the physical or chemical process of reducing or preventing the spread of contamination from persons and equipment used at the hazardous materials incident.
- F. Exposure: The process by which people, animals, the environment and equipment are subjected to or come in contact with hazardous material
- G. Hazardous Material: A substance that when released is capable of creating harm to people, animals, the environment, or property.
- H. Hot Zone: The area immediately surrounding a hazardous materials incident. It extends far enough to where adverse effects from hazardous materials release will not be expected. It is also referred to as the exclusion zone or the restricted zone.
- I. Penetration: The movement of materials through a suits closures – such as zippers, buttonholes, seams, flaps, or other design features of chemical protective clothing – and though punctures, cuts, and tears.
- J. Stabilization: The point in an incident at which the adverse behavior of the hazardous material is controlled.

# Hiawatha Fire & Rescue

Policy 301  
Hazardous Materials  
Emergency Response to Hazardous Materials Incidents  
5/25/2001

- K. Warm Zone: The control zone at a hazardous materials incident where personnel and equipment decontamination and hot zone support takes place. It includes control points for the access corridor, helping to reduce the spread of contamination. This zone is also referred to as the decontamination zone, contamination reduction, or limited access zone.

### III. General

- A. the first arriving officer at an incident involving hazardous materials shall report the following information:
  - 1. The exact location of the incident.
  - 2. The type and quantity of the materials involved, if known.
  - 3. The extent of damage and the number and types of injuries.
  - 4. The name of the carrier if a vehicle is involved.
  - 5. Any other pertinent information such as the hazardous material entering a storm or sanitary sewer drain.
- B. The first arriving officer shall also request any other additional resources that may be needed, establish command, and begin securing the incident scene to prevent additional injuries or contamination.
- C. The area should be evacuated if necessary. This function should be turned over to law enforcement once there is adequate law enforcement on scene.

### IV. Tactical Objectives

- A. The incident commander shall assess the situation and identify the product(s) involved prior to committing personnel.
- B. If entry is made into the hot zone to rescue someone or to contain a release, the appropriate level of protective suit shall be worn by the personnel who enter.
- C. If personnel are committed to the hot zone, decontamination and rehab sectors shall be established, as well as a warm zone and a cold zone.
- D. Decontamination of victims shall also occur prior to their being transported to a medical facility.
- E. Additional resources shall be requested. This includes a local HazMat Team (Linn County or CRFD). This also includes a private vendor if the incident exceeds the capability of the department and the HazMat Team.
- F. The incident commander's objectives shall be containment and stabilization. Final extinguishment and cleanup of incidents that exceed the capabilities of the department and HazMat Team will be the responsibility of the private vendor who responds to the incident.

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