



**ARCADIA FIRE DEPARTMENT
STANDARD OPERATING GUIDELINE**

HAZARDOUS MATERIALS RESPONSES

Number: 133
Revision Date: 09/20/2012
File Name: Haz Mat

Review Date: 03/25/2017
Approved: _____
Michael E. Lang, Fire Chief

PURPOSE

The purpose of this guideline is to ensure an effective, safe, and efficient response to all Hazardous Materials incidents.

RESPONSIBILITY

It shall be the responsibility of all Department personnel to follow these guidelines when responding to a Hazardous Material incident to insure safety of firefighters and citizens and to protect the environment from unnecessary contamination.

PROCEDURE

I. Initial Response to Incident

- a. Always respond in full PPE, per Standard Operating Guideline #101, *Personal Protective Equipment*
- b. Approach Upwind, Upgrade, and Upstream
- c. S.I.N. – Safety, Isolation, and Notification:
 - Safety- Safe approach at a safe distance, slow down and turn off A/C, keep vehicle headed away from incident, use spotting scope or binoculars.
 - Isolation- Isolate and deny entry, establish perimeters and control zones.
 - Notification- Mandatory notifications, Resource requests, and Report of Conditions.
- d. Assess the situation
 - Identify product and route of travel.
 - Look for any casualties.
 - Identify other essential site conditions.
- e. Establish Incident Command Post (ICP) and implement Incident Command system and Unified Command.
- f. Initiate written Incident Action plan.
- g. Establish work zones and entry control points.
- h. Employ immediate countermeasures:
 - Rescue.
 - Evacuation.
 - Emergency medical care
 - Temporary containment
 - Victim decontamination
 - Public warning

II. Identification and Hazard Assessment (IDHA)

- Identify chemical name
- Assess all hazards
- Assess properties
- Assess variables
- Predict behavior/outcome

III. Information Sources

- MSDS (Material Safety Data Sheet)
- Placards and Labels
- Shipping Papers
- Reference Guides (Emergency Response guidebook-ERG)/ (Jane's CHEM-BIO Handbook)
- NFPA 704 warning system

IV. Confinement

- a. Do not permit the hazardous materials to run off into storm drains, sewers or drainage systems
- b. Isolate the material to the smallest possible area using the following techniques:
 - Absorbents
 - Diking
 - Damming
 - Diversion
- c. Confinement should be conducted in a defensive manner, reducing exposure to personnel

V. Notification

- a. Request Haz-Mat response through Verdugo Fire Dispatch (Burbank HM 12, Glendale HM 24, 2- engines, 1- truck, Air Utility, 1- RA, and 1- BC) and L.ACO Health Dept.
- b. Notification to the Office of Emergency Services (OES) is required under **Government Code Section 8568**, which requires local governments to notify OES of all hazardous materials incidents.
 - All significant spills or threatened releases of hazardous materials, including oil must be made immediately.
 - Any material that (because of its quantity, concentration, or physical or chemical characteristics) poses a significant present or threatened hazard to human health and safety or to the environment, if released into the workplace or the environment must be reported.

Contact Numbers

- a. OES Warning Center: (916) 845-8911
- b. OES 24 Hour Hot Line: (800) 852-7550
- c. OES Local Office: (562) 795-2900

California Vehicle Code Section 2454. (a) vests responsibility for incident command of on-highway hazardous materials incidents with the law enforcement agency having primary traffic investigation authority on the highway where the incident occurs.

VI. Decontamination

- Follow guideline state forth in Standard Operating Guideline #108, *Emergency Decon* to decontaminate first responders
- Follow guideline state forth in Standard Operating Guideline #109, *Mass decon of Ambulatory Victims* to decontaminate civilians

VII. Disposal

If a hazardous waste is identified as **non-threatening**:

PRIVATE PROPERTY: Hazardous materials located on private property are the responsibility of the property owner or the occupant of said property. The Incident Commander (IC) may assist the owner/occupant with supplying information; however, it is the owner/occupants responsibility to make necessary contacts for removal/disposal.

PUBLIC PROPERTY: Arcadia Public Works Division personnel shall be dispatched to transport the substance to the City of Arcadia's Service Center located at 11800 Goldring Road for proper containment and future disposal.

If the substance is identified as **hazardous/threatening** or if tests are inconclusive:

PRIVATE PROPERTY: Hazardous materials located on private property are the responsibility of the property owner or the occupant of said property. The IC may assist the owner/occupant with supplying information; however, it shall be the owner/occupants responsibility to make necessary contacts for removal/disposal. See attachment for available waste removal companies. In situations where the material generates an immediate danger to the public and the owner/occupant cannot be contacted or located, the IC shall make necessary arrangements for mitigation at the owners/occupants expense.

Number: 133
Revision Date: 09/20/2012
File Name: Haz Mat

PUBLIC PROPERTY: The IC shall request a private hazardous materials waste removal company for disposal. Los Angeles County Health Department will work with the private hazardous material waste company for proper removal. The Incident Commander will have the authority to dedicate the use of City funds for hazardous materials response. The City of Arcadia will use **United Pumping Services (626) 961-9326** for waste removal. See attachment for additional waste removal companies.

HAZARDOUS MATERIAL WASTE REMOVAL COMPANIES

Effective as of June 5, 1997

Phone #'s verified 6/5/07

Phone #'s verified 8/19/12

United Pumping 24 hours Commercial/Residential
City of Industry
*City Account
(626) 961.9326

Servco 24 hours Disaster Restoration
Monrovia
(888) 600.4411
(626) 447.4111