**Boulder County Hazardous Materials Team**

Flammable Liquids Guideline

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| Guideline Number | 3001 |
| Approved By | Advisory Committee |
| Date | Draft 2-17-18, Final 4-24-18 |

**Scope:** This guideline applies to all members of the Boulder County Hazardous Materials Team (BCHMT)

**Purpose:** The purpose of this guideline is to establish standard procedures for a Flammable Liquid response.

**Guideline:**

* When responding to a Hazmat call, the initial response should be coordinated with the Incident Commander (IC)
	+ Coordinate with onsite personnel who have working knowledge of the product, facility, container, or have expertise in this area. Many facilities have on call experts or safety teams that can be a valuable resource.
* Request a spot weather forecast prior to arrival to establish an uphill and upwind staging area.
	+ Weather considerations current and future forecast
		- Wind speed and direction
		- Temperature
		- Barometric pressure
		- Humidity
		- Chance of precipitation
* Utilize Research materials to confirm initial isolation zones and update evacuation areas as size of release is determined.
* Identify product
	+ - Occupancy and location
		- Container shape and size
		- Colors and markings
		- Shipping papers
		- Placards and labels
		- Senses
		- Air Monitoring
* Establish Air Monitoring around perimeter to monitor for movement of flammable liquid and vapors. Refer to Air Monitoring SOG.

**Procedure**

* Set up for Decon and Area of Safe refuge
* Set up for fire and spill operations utilizing foam recommended by Research, coordinating with on scene Fire crews.
	+ Water supply
		- Is there enough water available to fight a fire? If not withdraw to safe distance
	+ Call for Mountain View’s Foam Truck, 2252
	+ Determine if foam layer is appropriate.
	+ For mixtures containing a polar solvent, alcohol-resistant foam may be more effective**.**
	+ Utilize oil industry resources for flammable liquids
		- Crestone peaks, Anadarko, etc.
			* Emergency response team
			* High definition cameras
			* Foam trailers
			* Water supply
* Reduce amount of product leaving the container.
	+ Plug leaking container
	+ If container is beyond patching consider offloading product
* Establish containment corridor of product
	+ Protect waterways and sewers when possible
	+ Establish booms and dams if product enters waterways
	+ For large spills utilize construction equipment
	+ Dig containment ponds if necessary
	+ Dam, dike, divert as necessary.
* Refer to the General Response SOG for appropriate notifications, turn scene over to the appropriate Authorities once hazard has been mitigated.