Bath Township Fire Department			Standard Operating Guideline	
Section Operations	**Referral No.** O-44	**Subject:** Flammable Liquid Incidents	**Date Issued** 03/08	**Date Revised**

Purpose:

- The main objective of Flammable Liquid Incidents is to safely handle any emergency situation involving Flammable Liquids.

Scope:

- This standard operating guideline shall apply to all personnel.

Responsibilities:

- Officer
  - Ensure that personnel respond properly.
  - Provide direction based on the Incident Management System.
  - Ensure the safety of all personnel.
- Personnel
  - All personnel have the responsibility of following the direction of Incident Command at an emergency scene.
  - All personnel have the responsibility to wear the proper safety equipment and to operate in a safe manner.

Guidelines:

- **Safety is always our first priority**
- **Full PPE shall be worn at all incidents.**
- As early as possible, a hazard zone should be set up using fire-line tape around the area of the spill or burning liquid.
- Hazmat team should be notified when there is a spill or burning liquid due to vapors, and the need to monitor the air for possible evacuation, and for runoff from the incident.

Fire:

- Full PPE including SCBA and face piece must be worn.
- The principle agent for flammable liquid fires is AR-AFFF (Class B foam)
- The application of Class B foam should be gentle to avoid breaking the seal and agitating the liquid below.
- Fires involving a large area of burning flammable liquids may exceed the ability of one hand line to extinquish.
  - You may need to wait until additional resources show up, until that time use hose lines to cool and protect exposures.
- If enough manpower we need to contain runoff by placing booms or dikes around the fire to catch runoff.

Spills:

- Flammable liquid spills include spills without fire and any remaining fuel after a fire has been extinquished.
  - In both cases, the liquid must be protected to prevent ignition until it can be picked up.
- All personnel working around spills must wear full protective clothing to afford protection in case of possible ignition, including SCBA in vapor areas.
- The Hazmat team should be notified to do test on the atmosphere around the spill for potential flammability.
- Cover spills with foam to seal vapors, floor also could be used for small spills.
  - Check for escaping vapors with a combustible gas meter.
- Control all ignition sources in the area of the spill, by extinguishing all pilot lights, flares, open flames, etc.
- Put up barricades to prevent vehicles from getting to close, and disconnect power from a remote location to prevent an arc.
- Do not permit flammable liquid run-off into storm drains, sewers, or drainage systems.
  - Consider the use of plastic dike, charged hose lines, black plastic, or dirt to prevent the further spread of spilled material if it can be done safely.