1. PURPOSE: To establish a guideline for operations at Natural Gas or Propane Tank Leak

2. PROCEDURES:
   **Leak in a Building**
   - Ensure that the following have been notified: Unitel, Police Department, Public Works, and Central Maine Power

   First Engine
   - Establish Command
   - Try to determine information on the leak to relay to Unitel
   - Bring 4 gas meter to read LEL levels
   - Evacuate building if LEL readings are high
   - Shut off gas supply to building
   - Have CMP disconnect power to building
   - Ventilate at highest point and work down. At no point should you take unnecessary chances after evacuation has occurred
   - Have pump operator move Engine away from danger area, preferable to a hydrant
   - Stretch hand lines for safety purposes
   - Evacuate nearby buildings if necessary
   - Have the Police close off area
   - Continue to monitor ventilation with 4 gas meters

   Second Engine
   - Position at hydrant outside danger area and hook LDH supply line in preparation to lay feeder

   Ladder Company & Third Engine
   - Locate at a staging area remote from building in case of explosion
   - Establish a Manpower Officer and Manpower Pool
   - Await instructions from IC

   **Leak in Street**
   - Ensure that the following have been notified: Unitel, Police Department, Public Works, and Central Maine Power

   First Engine
• Establish Command
• Try to determine information on the leak to relay to Unitel
• Determine type of leak and if pipe has been raised to fresh air or is still leaking in hole
• Start checking buildings closest to leak with 4 gas meter to read LEL levels
• If any buildings have readings consider having CMP drop the neighborhood
• Check sewers, storm drains, open manholes for vapors
• Have Police and Public Works block off area
• Have a Public Works Rep report to command as they are most knowledgeable of the storm/sewer system

Second Engine
• Position at hydrant outside leak area and hook LDH supply line in preparation to lay feeder
• Check with IC to assist in checking buildings

Third Engine
• Position at hydrant outside leak area (in an area opposite 2nd Engine) and hook LDH supply line in preparation to lay feeder

Ladder Company
• Standby outside area and establish manpower officer and manpower pool
• Await instructions from IC

Safety
• Full PPE shall be worn by all members; members operating in the danger zone shall also be wearing SCBA
• Natural gas is lighter than air and rises
• Propane is heavier than air and will sink
• Do not turn anything on or off in a building (such as a light switch)
• The most dangerous time is when the gas concentration is within the flammable range (between the UEL & LEL) particularly when passing from the UEL down to the LEL

3. REFERENCES:
• None

By Order Of:

Kevin W. Guimond
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Fire Chief