

# HIGH RISK/LOW FREQUENCY

## HUDSON FIRE DEPARTMENT

Standard Operating Guidelines

GUIDELINE NO: 100.14

**SUBJECT: EQUIPMENT MAINTENANCE  
PW EXTINGUISHER REFILL**

**APPROVAL:** Scott St. Martin, Fire Chief

Effective Date: 5-16-16

Revised Date: n/a

### PURPOSE

This guideline establishes procedures for refilling a pressurized water extinguisher.

### RESPONSIBILITY

1. All Chief and Company Officers have the responsibility to comply with and ensure that the personnel under their command are adequately trained, fully understand, and comply with this guideline.
2. All firefighters have the responsibility to learn and follow this guideline.

### PROCEDURE

- A. Don safety glasses
- B. Make sure extinguisher is within five (5) year hydrostatic test date.
- C. Fully depressurize the extinguisher before attempting to remove the valve and tube assembly.
- D. Visually inspect all components for any damage, including, but not limited to:
  1. Cylinder and O-Ring
  2. Handle
  3. Hose
  4. Pin
- E. If there is damage to any component of the pressurized water extinguisher that cannot be immediately repaired, place the extinguisher out of service and tag it with an *Out of Service Tag*.
- F. Loosen nut and remove the valve and pickup tube assembly.
- G. Filling Instructions
  1. Fill designated bucket with water to the black line (2 ½ gallons)
  2. Place funnel in the cylinder opening and dump water in slowly.
  3. Add four (4) ounces of Class A foam on top of water. (Use measuring cup inside of bucket)
- H. Visually inspect the valve pickup tube assembly for damage. Reassemble and hand tighten the nut.
- I. Place extinguisher into defragmentation tube.
- J. Charge to **no more** than 100 psi.
- K. Reinsert the pin and secure with a breakaway seal.
- L. Return the pressured water extinguisher to the appropriate storage position on the apparatus.
- M. Return fill bucket and funnel to cabinet under sink.

**References:** Risk and frequency classification information - <http://firefighterclosecalls.com/sopsog.php>, Fire Extinguisher Manufacturer's Instructions.