

# Hurricane Fire & Rescue

Hurricane, WV

## Operation Guidelines

<b>Subject</b>	Sprinkler and Standpipe Operations
<b>Guideline Number</b>	800.415
<b>Adopted</b>	March 1, 2007
<b>Effective Date</b>	April 7, 2007
<b>Pages</b>	2

**Purpose:** To define the procedure for use and support of sprinklers and standpipe systems.

**Scope:** All personnel.

**Responsibility:** It is the responsibility of all personnel to adhere to this policy.

### Sprinkler System Operations:

1. Second arriving unit on the first alarm assignment will be responsible to position at the Fire Department Connection (FDC) and secure a water supply, unless first arriving unit position is next to the FDC.
2. Officer on the second unit will assign one person to locate the main valve and ensure that it is in the open position.
3. Smoke or fire in the structure requires charging the FDC to 150 psi.
4. FDC should always be charged by a minimum of two 2 ½ "supply lines. Charging of the system should not be delayed. Charge one 2 ½" line while the second 2 1/2" line is being connected.
5. The system should remain charged until ordered shut down by Command.

### Standpipe System Operations

1. Second arriving unit on the first alarm assignment will be responsible to position at the Fire Department Connection (FDC) and secure a water supply, unless the first unit's position is next to the FDC.
2. Officer on that unit will assign one person to locate the main valve and ensure that it is open.
3. Smoke or fire in the structure requires charging the FDC to a minimum of 150 psi.
4. Adjustments for friction loss and elevation must be added.
5. FDC should always be charged by a minimum of two 2 ½" supply lines. Charging of the system should not be delayed. Charge one 2 ½" line while the second 2 ½" line is being connected.

6. The system will remain charged until ordered shut-down by Command.
7. Interior attack teams will use fire department hose in conjunction with standpipe outlets. Fire department personnel should not use in-house hose lines.

General

1. Engines should avoid using hydrants that are connected to the private system so as not to steal water supply from the system.
2. Private fire pump installations should be checked early in operations to ensure proper operation, and the status reported to Command as time allows.