



**SUPPLY WATER TO A STANDPIPE SYSTEM
THROUGH A SIAMESE AND OPERATE A HOSE
LINE FROM A FLOOR OUTLET**

1. EQUIPMENT:

- ◆ 1 Pumper
- ◆ 3½" Hose
- ◆ Folded 2½ " Hose
- ◆ 1 Standpipe Kit
- ◆ Inline pressure gauge
- ◆ 2½" Solid Stream Nozzle

2. COMMAND:

"Supply standpipe siamese. Operate line from hose outlet on 4th floor, fire on 5th floor."

3. OPERATION:

- 3.1 Connect pumper to hydrant and charge pump.
- 3.2 Stretch 3½" hose line from pumper and connect to standpipe siamese. Start water. Augment supply to siamese with second hose line from pumper.
- 3.3 Take folded lengths of 2½" hose and nozzle to 4th floor.

NOTE: Lengths must be folded with hose butts on outside as per Engine Company Operations Chapter 7.

- 3.4 Control firefighter checks for water at standpipe outlet.
- 3.5 Remaining firefighters connect folded lengths as follows:

Place folded lengths on 4th floor landing below standpipe outlet, or in hallway adjacent to stairway door containing standpipe, with straps facing up and male and female hose butts adjacent to each other. Length with nozzle is placed most distant from standpipe with nozzle facing in direction of stretch. If available and needed, place additional length(s) in the sequence before nozzle.

- 3.6 Leave straps connected on folded lengths and proceed as follows: (Photo 1)
- ◆ Remove protective covering from male butts.
 - ◆ Nozzle firefighter connects hose butts between lead length and second length.
 - ◆ Backup firefighter connects hose butts between second and third lengths.
 - ◆ Control firefighter connects inline pressure gauge and hose line to standpipe outlet.
 - ◆ Door firefighter (if present):
 - a) Connects hose butts between 3rd and 4th lengths (if needed).
 - b) Assists Control firefighter in hooking up to standpipe.
 - c) Assists Nozzle and Backup firefighters.



Photo 1

- 3.7 Disengage straps from the folded lengths. The Nozzle firefighter may opt to take his length up to the fire floor before removing the strap.
- 3.8 Nozzle and Backup firefighters advance the hoseline up the stairway to the fire floor. Hose plays out in the same manner as if it was stretched from the bed of the apparatus. Door firefighter (if present) monitors hose as it plays out to prevent kinks and snags. Control firefighter operates standpipe.
- 3.9 Officer gives command, "Start Water." Open standpipe outlet valve. Nozzle pressure is controlled from standpipe outlet valve.

NOTES:

- a. All hoselines stretched from standpipe shall be 2½" hose with controlling nozzle and 1⅝" Main Stream Tip. All hoselines stretched from standpipes shall be connected to outlets on floors below the fire floor. Variations from stretching initial hoselines from standpipe outlets on a floor below the fire due to building configurations shall be approved by division commanders and placed in the CIDS program.
- b. If a pressure reducing/restricting device (PRD) is found on the standpipe outlet, it **should** be removed. If the PRD cannot be removed, and there is no other outlet available without a PRD, than it is permissible to use an outlet with a PRD.
- c. Always connect in-line pressure gauge to standpipe outlet to ensure correct nozzle pressure. Pressure gauge can be carried attached to the Control firefighter's length in the same manner as is the nozzle.
- d. Controlling nozzle must always be carried attached to the folded lead length.
- e. Observe the color of siamese or outlet caps and indicating signs or plates before connecting hose lines. Color markings for the systems are:
 - ◆ Standpipe.....Red
 - ◆ Automatic Sprinkler.....Green
 - ◆ Non-Automatic Sprinkler.....Aluminum
 - ◆ Combination Standpipe/Sprinkler.....Yellow
- f. Before water is started, member controlling supply must personally check connection of hose to proper siamese.
- g. If building is equipped with both standpipe and sprinkler systems and standpipe is to be used, the engine company first to arrive must connect first line to standpipe siamese and second line to sprinkler siamese.
- h. Another pumper must augment the supply to standpipe and sprinkler systems.
- i. High pressure pumping operation is described in Firefighting Procedures, Hi-Rise Office Buildings, Section 5.
- j. Exposed male hose butts on folded lengths must always be protected.
- k. Photo 2 demonstrates how to carry folded lengths so as to protect the firefighter and others from the exposed hose butts. Note that the folded length is placed with the butts toward the body, minimizing the chance of the butts flopping around (especially in tight quarters like elevators).



Photo 2

- l. The folded lengths shall be placed on the floor with the butts facing up. (Photo 3)



Photo 3

- m. For narrow landings, folded lengths can be stacked on stairs. (Photo 4)

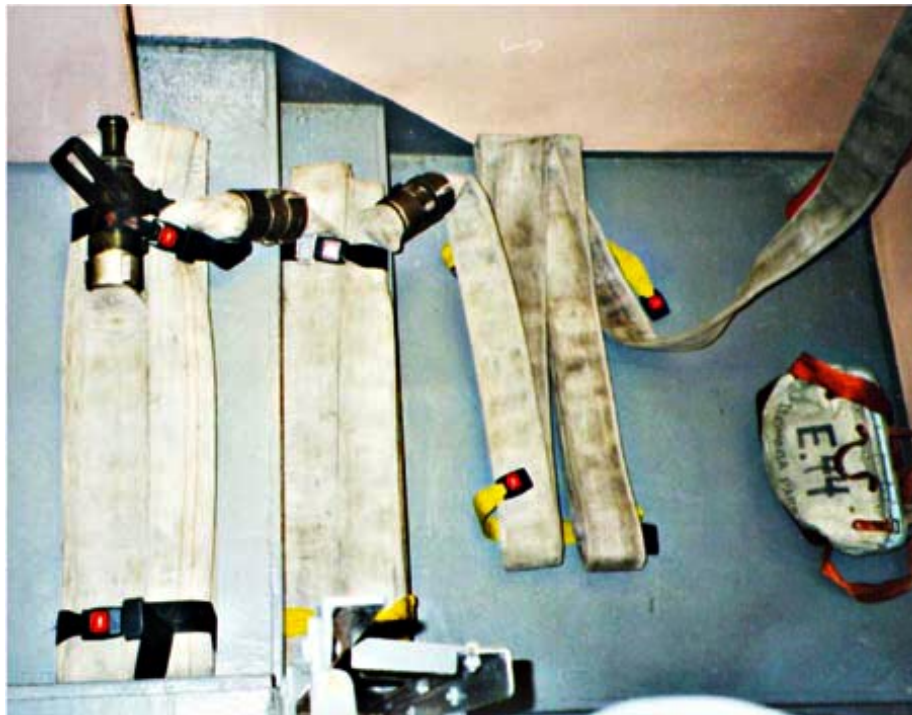


Photo 4