



HOSE COMPANY 2 - WESTBURY FIRE DEPT.

TRAINING EXERCISE

STANDPIPE OPERATIONS

Effective STANDPIPE OPERATION begins with Pre-Plan:

Knowledge of what buildings in the district have standpipes, where the Fire Dept. Connections are located (street & inside) and knowledge of what problems you may occur when connecting to them, are keys to standpipe operation's success.

Note: These connections are not always obviously visible and in areas protected from fire/smoke. Standpipe's can be Wet (already containing water) or Dry (found in unheated areas) and are not only found in High-rises type building but also large horizontal area building such as the mall.

Some Wet Systems are supported by a Fire Pump, when the town water supply is inadequate for the area or heights of the building, these pumps need to be located and controlled by the FD upon arrival.

Standpipes found:
 High Rise Buildings
 Large Area Buildings
 Enclosed Shopping Malls
 Theaters, Stadiums, Arenas
 Parking Garages
 Limited Access Highways ...

FD Siamese Connections - "FDC"

- RED** - STANDPIPE ONLY
 - GREEN** - SPRINKLER ONLY
 - YELLOW** - COMBO/BOTH
- If not color coated, read the markings around the connection

Feed System w/ Largest Size Hose Possible - 5" or (2) 2.5"

GETTING WATER INTO THE SYSTEM



When all else fails, the 1st floor inside connection can be used to feed system.

GETTING WATER FROM THE SYSTEM



Standard Type Connection



Cabinet Type Connection



Standpipe Connection

(if needed)
Adaptor
 Pipe Thread - to -
 Our Hose Thread...



In-Line Pressure Gauge

(if connecting to a cabinet type)
45 degree elbow



High-Rise Packs

(6) 50' lengths
 300' max.

then the appropriate nozzle



Pressure Regulating Device

PRD's need to be **REMOVED** before making FD Connection



Restricts Water flow, as it is turned closed

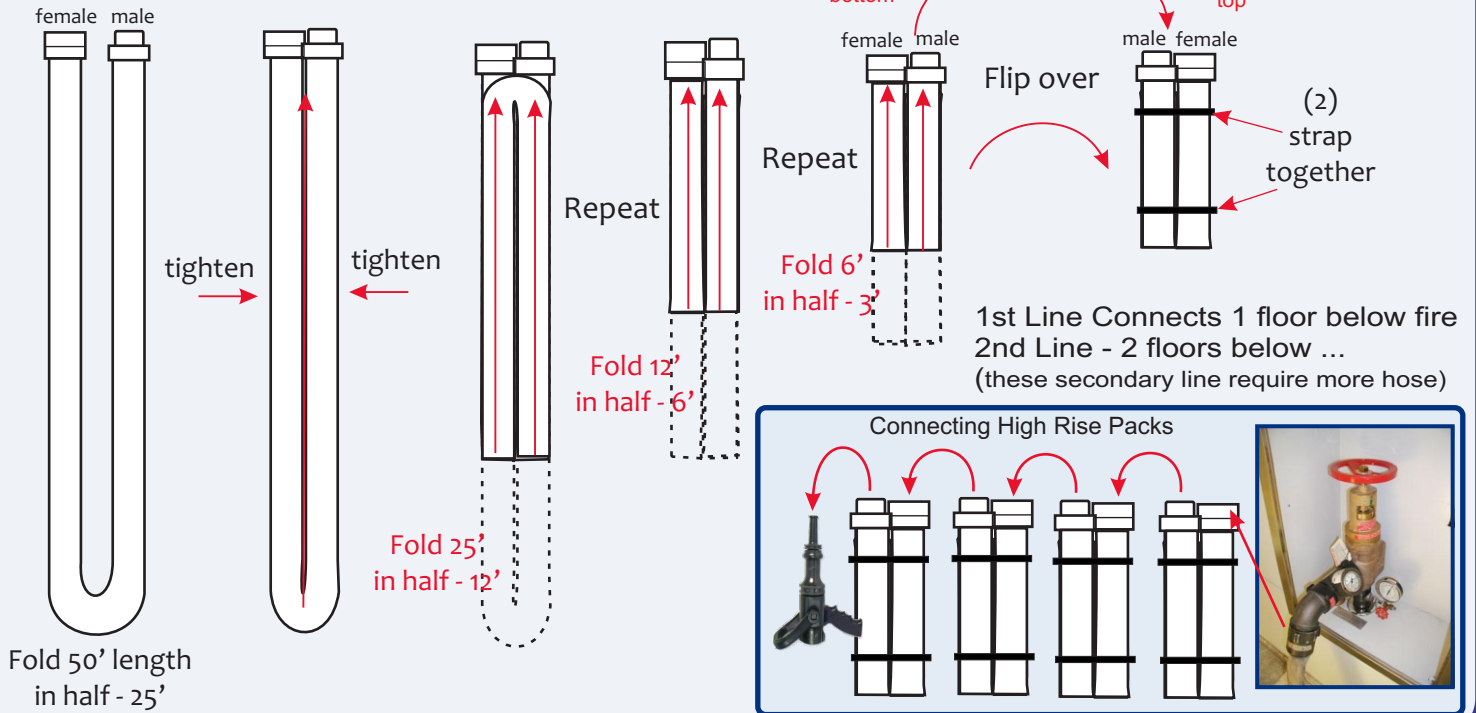
Standpipe Bag:



Member with Standpipe Bag should have Radio & Hand light.

High Rise Pack:

References - Diagrams are NOT to Scale



As a safety for civilians, there may be a pin that needs to be pulled before the pressure can be adjusted.



In Line Pressure Gauge
Pressure Readings

150' 2.5" Hose - Solid Nozzle

70 PSI flowing water

Add 10 psi for every length of 50' hose added (300' Max) and

5 psi for every floor stretched above the original (2nd line - 2 floors below)

