



Fire Protection Training

Procedures Handbook 4300

HOSE

TOPIC: How to Connect Hose to Support Standpipes

TIME FRAME: 30 Minutes

LEVEL OF INSTRUCTION:

BEHAVIORAL OBJECTIVE:

Condition: Two lengths of 2-1/2" hose and a standpipe with fire department connection

Behavior: The student will connect two 2-1/2" hose lines to a fire department standpipe connection under simulated fire conditions.

Standard: With a minimum of 70% accuracy, within 3 minutes

MATERIALS NEEDED:

- Stop watch
- Two sections of 2-1/2" hose
- Standpipe with fire department connection
- Performance examination
- Tally sheets

REFERENCES:

- IFSTA, Essentials of Fire Fighting, 2nd Edition, Chapter 16
- IFSTA, Fire Department Pumping Apparatus, 7th Edition, Chapter 6

PREPARATION:

Standpipes, whether wet or dry, are a means of supplying water to floors, both above and below ground. To take advantage of this labor saving device, it is necessary to know how to connect the hose lines that will supply or, in the case of a wet standpipe, support the standpipe system.

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HOW TO CONNECT HOSE TO
SUPPORT STANDPIPES

OPERATIONS

KEY POINTS

- | OPERATIONS | KEY POINTS |
|--|---|
| 1. Stretch hose lines to standpipe connection/Fire department. | 1a. Two 2 1/2" lines
b. Male thread required
c. Obtain necessary double males if required
d. Obtain adjustable spanner |
| 2. Lay hose couplings down. | 2a. Gently
b. Fold hose back so male threads do not hit pavement |
| 3. Remove caps from fire department connection. | 3a. Unscrew caps
b. Break, break- away caps
c. Punch center with end of handle |
| 4. Inspect fire department connection. | 4a. Check for debris
b. Check threads
c. Check gasket |
| 5. Connect hose lines. | 5a. Connect to center or lowest fitting first on fire department connection
b. To pump discharge |
| 6. Engage Pump | |
| 7. Charge line and system | 7a. To 150 PSI. |



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HOW TO CONNECT HOSE TO
SUPPORT STANDPIPES

APPLICATION:

Student to practice until proficient.

EVALUATION:

A performance examination.

ASSIGNMENT:

To be determined by instructor(s).

Performance Examination

HOW TO CONNECT HOSE TO
SUPPORT STANDPIPES

POINTS

TIME START

- | | | |
|----|--|-----------|
| 1. | Obtain necessary hose tools and appliances. | <u>10</u> |
| 2. | Stretch two 2 1/2" hose lines to standpipe fire department connection with male couplings at fire department connection. | <u>20</u> |
| 3. | Lay hose fittings down without damaging couplings. | <u>10</u> |
| 4. | Remove caps from fire department connection with spanner and mallet if necessary. | <u>20</u> |
| 5. | Inspect fire department connection for debris, gasket, damaged threads. | <u>20</u> |
| 6. | Connect two 2 1/2" hose lines to fire department connection, bottom or center fitting first. | <u>20</u> |

TIME STOP

ENTER TOTAL TIME: _____:

POINTS POSSIBLE: 100

POINTS DEDUCTED:

FINAL SCORE:

EVALUATOR'S SIGNATURE:

DATE:

COMMENTS:

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