



Fire Protection Training

Procedures Handbook 4300

HOSE

TOPIC: How to Bed Large Diameter Hose On The Fireground, Flat Load, Side Position

TIME FRAME: 30 Minutes

LEVEL OF INSTRUCTION:

BEHAVIORAL OBJECTIVE:

Condition: 300 feet of large diameter fire hose, a hose bed and five assistants.

Behavior: The student will supervise bedding 300 feet of large diameter hose, side method.

Standard: With a minimum of 70% accuracy within ten minutes

MATERIALS NEEDED:

- Fire apparatus
- 300 feet of large diameter hose
- Safety equipment
- Stop watch
- 6 fire fighters

REFERENCES:

- IFSTA, Essentials of Fire Fighting, 2nd Edition, Chapter 10
- IFSTA, Hose Practices, 7th Edition, Chapter 5

PREPARATION: With reduced personnel on engine companies and an increasing need to provide large fire flows, many fire departments are using large diameter hose. With proper training large diameter hose can be cost effective, time efficient and provide adequate fire flows. Reloading this hose after fireground operations requires special techniques.

4307.27



Fire Protection Training

Procedures Handbook 4300

HOW TO BED LARGE DIAMETER
HOSE ON THE FIREGROUND, FLAT
LOAD, SIDE POSITION

OPERATIONS

KEY POINTS

- | OPERATIONS | KEY POINTS |
|---------------------------------|---|
| 1. Relieve pressure in hoseline | 1a. Engine operator |
| 2. Drain hoseline | 2a. Without breaking couplings |
| 3. Position apparatus | 3a. Parallel to hose
b. At female coupling
c. Facing nozzle |
| 4. Position firefighters | 4a. Two in hose bed
b. One on tail board
c. One on ground at tail board
d. One with hardline rinsing hose
e. Crew leader visible to engine operator |
| 5. Drive engine | 5a. Forward
b. Slowly
c. Toward nozzle |
| 6. Place female coupling | 6a. Front of hose bed
b. Near hose bed divider |
| 7. Place hose | 7a. Flat
b. Toward rear of hose bed
c. Parallel to hose bed divider |
| 8. Fold hose | 8a. Back on itself |
| 9. Place hose | 9a. Parallel and adjacent to first flake toward front of bed
b. Leave 12" space front of hose bed for LDH couplings |
| 10. Fold hose | 10a. Back on itself |
| 11. Place hose | 11a. Toward rear of hose bed
b. Parallel and adjacent to previous flakes |



Fire Protection Training

Procedures Handbook 4300

HOW TO BED LARGE DIAMETER
HOSE ON THE FIREGROUND, FLAT
LOAD, SIDE POSITION

OPERATIONS

KEY POINTS

12. Load LDH couplings

13. Continue to load hose

14. Load second tier/layer

15. Start second tier/layer

16. Continue to load hose

12a. Into 12" space at front of hose bed

13a. Engine driven forward

b. Successive flakes

1. Flat

2. Parallel to previous flakes

3. Adjacent to previous flakes

c. Until opposite edge of hose bed reached.

14a. Flakes 6" shorter than previous tier

b. Stagger at rear of hose bed

15a. First flake of second tier directly on top of last flake in first tier.

b. Successive flakes parallel and adjacent to first flake of second tier.

16a. Until all hose loaded

b. Even numbered tiers 6" shorter than odd numbered tiers

c. Stagger at rear of hose bed



Fire Protection Training

Procedures Handbook 4300

HOW TO BED LARGE DIAMETER
HOSE ON THE FIREGROUND, FLAT
LOAD, SIDE POSITION

APPLICATION:

The student will practice until proficient.

EVALUATION:

A performance examination.

ASSIGNMENT:

To be determined by instructor(s).

POINTS

TIME START

- | | | |
|-----|--|-----------|
| 1. | Signal engine operator to move engine into position parallel to hoseline. | <u>5</u> |
| 2. | Position firefighters for bedding operations. | <u>5</u> |
| 3. | Signal engine operator to drive forward slowly and continuously. | <u>10</u> |
| 4. | Signal firefighter to place coupling in hose bed at front of hose bed adjacent to hose bed divider. | <u>10</u> |
| 5. | Direct firefighters to place first flake of hose in bed toward rear of bed parallel to hose bed divider. | <u>10</u> |
| 6. | Direct firefighter to fold hose back on itself and place the second flake toward the front of the hose bed parallel and adjacent to the first flake. | <u>10</u> |
| 7. | Direct firefighter to place hose leaving a 12" space along the entire front of the hose bed. | <u>10</u> |
| 8. | Direct firefighters to fold hose over on itself and repeat steps 5 and 6 until the first tier or layer is loaded. | <u>10</u> |
| 9. | Direct firefighters to load all LDH couplings to the front of the hose bed in the 12" space. | <u>10</u> |
| 10. | At end of first tier directs firefighters to place first flake of second tier directly on top of the last flake in the first tier. | <u>10</u> |
| 11. | Direct firefighters to continue loading hose with successive flakes parallel to and adjacent to previous flakes. | <u>5</u> |
| 12. | Direct firefighters to make all flakes in even numbered tiers 6" shorter than flakes in odd numbered tiers. | <u>5</u> |

TIME STOP

ENTER TOTAL TIME: _____:

POINTS POSSIBLE: 100

POINTS DEDUCTED:

FINAL SCORE:

EVALUATOR'S SIGNATURE:

DATE:

COMMENTS:
