



Fire Protection Training

Procedures Handbook 4300

HOSE

TOPIC: How To Bed A Minuteman Load

TIME FRAME: 30 Minutes

LEVEL OF INSTRUCTION:

BEHAVIORAL OBJECTIVE:

Condition: An engine with a pre-connect hose bed, three 50' lengths of 1-1/2" fire hose and a 1-1/2" nozzle

Behavior: The student will properly bed the fire hose in a minuteman load.

Standard: With a minimum of 70% accuracy within three minutes and 30 seconds

MATERIALS NEEDED:

- A fire engine with a pre-connect bed
- Three 50' lengths of 1 1/2" fire hose
- A 1 1/2" nozzle
- Performance examination
- Stop watch

REFERENCES:

- IFSTA, Essentials of Fire Fighting, 2nd Edition, Chapter 10
- IFSTA, Hose Practices, 7th Edition, Chapter 6

PREPARATION:

The minuteman hoseload can be the most practical hose load for several reasons. It can be loaded and deployed by one firefighter. It can also be carried around obstacles, where other conventional hoseloads would have to be dragged around them. It can be dumped off the shoulder, and will not "spaghetti" when charged even though it is not fully extended.

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HOW TO BED A MINUTEMAN LOAD

OPERATIONS

KEY POINTS

1. Connect hose lengths

- 1a. First length of hose to hose bed discharge
- b. Female coupling of third length to male coupling of second length.
- c. Hand tighten
- d. Do not connect first and second lengths of hose

2. Connect nozzle

- 2a. To male coupling of third length of hose
- b. Hand tighten

3. Begin bedding first length of hose

- 3a. If hose bed discharge at rear of hose bed
 - 1) Single flake (layer) of hose
 - 2) From hose bed discharge to opposite end of bed
- b. If hose bed discharge at front of hose bed
 - 1) Two flakes (layers) of hose
 - 2) From discharge to opposite end of hose bed
 - 3) Then folding hose back on itself to discharge end of hose bed
- c. All flakes (layers) of hose flat within hose bed

4. Set aside

- 4a. Remainder of first hose length
 - b. Out of the way
 - c. On apparatus or ground

5. Place nozzle

- 5a. In hose bed
 - b. At exit point
 - c. Discharge end directed outward
 - d. Atop the first length of hose flakes

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HOW TO BED A MINUTEMAN LOAD

OPERATIONS

KEY POINTS

6. Bed third length of hose

- 6a. Laying hose from nozzle to opposite end of hose bed
- b. At opposite end folding hose back on itself forming a loop
- c. From loop laying hose back toward nozzle
- d. Alternating direction of layers until third length bedded completely

7. Bed second length of hose

- 7a. Continuing in direction of last flake of the third section
- b. To end of hose bed
- c. Back on itself the full length of the hose bed
- d. Alternating direction of layers until second length is bedded completely

8. Couple hose

- 8a. Female coupling of second length to male coupling of first length

9. Bed remainder of first length of hose

- 9a. Continuing in direction of last flake of second section
- b. To end of hose bed

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HOW TO BED A MINUTEMAN LOAD

APPLICATION:

The student will practice until proficient.

EVALUATION:

A performance examination.

ASSIGNMENT:

To be determined by instructor(s).

Performance Examination

POINTS

TIME START

1. Couple first length of hose to hose bed discharge. 5
2. Couple female coupling of third length of hose to male coupling of second length of hose. 5
3. Connect 1 1/2" nozzle to male coupling of third length of hose. 5
4. Begin bedding first length of hose:
 - A. If discharge at rear of hose bed, lay a single flake of hose the length of the hose bed and flat within the hose bed. 25
 - B. If discharge is at front of the hose bed, lay two flakes of hose flat in the hose bed. Lay hose from discharge to opposite end of hose bed, fold hose back on itself forming a loop to the discharge end of the hose bed.
5. Set the remainder of the first length aside out of the work area. 10
6. Place nozzle at exit point of hose bed on top of the previously formed flakes (layers) with the nozzle discharge directed outward. 10
7. Bed the third length of hose beginning at the nozzle and extending hose to the opposite end of the hose bed, then fold hose back on itself to the opposite end of the hose bed. Repeat the procedure until third length of hose is bedded. 10
8. Continuing in the direction of the last flake of hose in the third length, bed the second length of hose completely. 10
9. Attach the female coupling of the second length of hose to the male coupling of the first length of hose. 10
10. Bed the remainder of the first length of hose alternating the direction of layers.

TIME STOP

Performance Examination

POINTS

ENTER TOTAL TIME: _____:

POINTS POSSIBLE: 100

POINTS DEDUCTED:

FINAL SCORE:

EVALUATOR'S SIGNATURE:

DATE:

COMMENTS:
