



Fire Protection Training

Procedures Handbook 4300

HOSE

TOPIC: How to Bed a Triple Fold Load

TIME FRAME: 30 Minutes

LEVEL OF INSTRUCTION:

BEHAVIORAL OBJECTIVE:

Condition: 150' of 1 1/2" fire hose, a 1 1/2" nozzle, a hosebed, and an assistant

Behavior: The student will properly bed a triple fold into a hose bed.

Standard: With a minimum of 70% accuracy

MATERIALS NEEDED:

- 150' of 1 1/2" fire hose
- A 1 1/2" nozzle,
- An assistant
- Performance examination

REFERENCES:

- IFSTA, Essentials of Fire Fighting, 2nd Edition, Chapter 10

PREPARATION: Many fire departments use a triple fold load for attack lines. This fold allows 150" feet of hose to be deployed in only 50 feet. This load is useful for many common fire ground attacks. When properly loaded and deployed there is little chance of tangled lines.



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HOW TO BED A TRIPLE FOLD
LOAD

OPERATIONS

KEY POINTS

- | OPERATIONS | KEY POINTS |
|------------------------------|--|
| 1. Position hose | 1a. Adjacent to engine
b. All lengths fully extended
c. In line with long axis of hose bed
d. All lengths forming single continuous line
e. Female coupling of hose #1 nearest engine |
| 2. Make connections | 2a. Female coupling of hose #2 to male coupling of hose #1
b. Female coupling of hose #3 to male coupling of hose #2 |
| 3. Grasp hose | 3a. At a point 2/3 of the way from hose bed to male coupling of hose #3 |
| 4. Stack hose | 4a. Drag hose back onto itself toward engine
b. Leave 2' tail at female coupling of hose #1
c. Aligning each layer of hose with the layer below it
d. Male coupling of hose #3 atop stack at farthest end from engine
e. Threads directed away from engine |
| 5. Adjust triple fold layers | 5a. If nozzle layer too long
1) Take slack from middle layer
2) Give up slack on nozzle layer
5b. If nozzle layer too short
1) Give up slack on middle layer
2) Take slack from nozzle layer |
| 6. Connect nozzle | 6a. To male coupling of hose #3
b. Atop hose |
| 7. Connect hose | 7a. Female coupling hose #1 to hose bed discharge outlet |

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Page 2



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KEY POINTS

8. Bed hose

8a. Lifting hose at tripled loops nearest engine

b. Feeding all layers hand over hand into hose bed

c. Feeding all layers hand over hand into hose bed

9. Continue bedding hose

9a. Keeping hose flat in bed

b. Until all hose loaded

c. Nozzle at rear most part of hose bed

d. Hose must be sequentially looped and folded back on itself as ends of the hose bed are reached



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APPLICATION:

Student to practice until proficient.

EVALUATION:

A performance examination.

ASSIGNMENT:

To be determined by instructor(s).

	<u>POINTS</u>
1. Lay out 150' of hose in a continuous line from the hose bed. The female coupling of hose #1 should be adjacent to the engine.	<u>10</u>
2. Couple each length of hose to the preceding length of hose.	<u>10</u>
3. Grasp hose at a point 2/3 of the way from the hose bed to the male coupling of hose #3.	<u>10</u>
4. Carry hose back upon itself to a point two (2) feet short of the female coupling of hose #1. Stack and align hose so each layer is stacked on top of the preceding layer. (The threaded portion of the third hose length should be on the top layer of the stack at the point farthest from the engine.)	<u>10</u>
5. Adjust triple fold layers to maintain 2' tail at female coupling of hose #1 and even folds on all other layers.	<u>10</u>
6. Connect nozzle to male coupling on top layer of stacked hose.	<u>10</u>
7. Connect female coupling of hose #1 to hose bed discharge outlet.	<u>10</u>
8. Bed hose by lifting hose at tripled loops nearest engine and feeding them hand over hand into hose bed.	<u>10</u>
9. Once opposite end of hose bed is reached, loop hose back on itself and continue to bed hose alternating layers from front to rear.	<u>10</u>
10. Once all hose is placed in hose bed adjust hose load to ensure all hose is flat and the nozzle is readily available.	<u>10</u>

POINTS POSSIBLE: 100

POINTS DEDUCTED:

FINAL SCORE:

EVALUATOR'S SIGNATURE:

DATE:

COMMENTS:
