



Fire Protection Training

Procedures Handbook 4300

HOSE

TOPIC: How to Bed an Accordion Load

TIME FRAME: 1 Hour

LEVEL OF INSTRUCTION:

BEHAVIORAL OBJECTIVE:

Condition: An engine with a hose bed, four lengths of fire hose pre-coupled, and two assistants

Behavior: The student will accordion load all four lengths into a hose bed under simulated fire conditions.

Standard: With a minimum of 70% accuracy

MATERIALS NEEDED:

- Four sections of hose pre-coupled
- Engine with a hose bed
- Performance examinations
- Ink pen
- Tally sheet
- Two assistants

REFERENCES:

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

PREPARATION:

The accordion load is an effective load for extending lines up staircases and/or for shoulder loading hose. If the hose is loaded improperly it may be impossible to rapidly accomplish these tasks. An improperly placed coupling or poor transition to the next tier may spell disaster.

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HOW TO BED AN ACCORDION LOAD

OPERATIONS

KEY POINTS

- | OPERATIONS | KEY POINTS |
|--|---|
| 1. Start with male or female coupling | 1a. Male coupling for a forward load
b. Female coupling for a reverse load
c. Make sure couplings are clean and operate properly |
| 2. Place coupling in corner of the hose bed | 2a. Near hose bed divider
b. Usually in rear of apparatus |
| 3. Stand hose on edge in hose bed | 3a. Start from coupling
b. Flake hose from front to back or back to front of hose bed
1) Depends on coupling placement at outset |
| 4. At either end of apparatus hose bed, make a fold (loop) with hose | 4a. Folds (loops) may be staggered
1) 4" - 6"
b. Work hose to make a tight fold (loop) |
| 5. Flake hose back on itself to opposite end of the bed | 5a. Flat side to flat side
b. On edge |
| 6. Continue until a coupling is reached | 6a. Back and forth
b. Packing hose tightly and neatly |
| 7. Stagger couplings in the hose bed | 7a. To avoid couplings side by side
b. To fully utilize hose bed
c. To allow easy removal of hose
d. So coupling will not interfere with folds |
| 8. Use Dutchman to position coupling for proper exit | 8a. As necessary
b. So coupling will pull straight out without having to turn around |

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HOW TO BED AN ACCORDION LOAD

OPERATIONS

KEY POINTS

9. Rise to the new tier

9a. When opposite side of hose bed is reached

1. Method 1 –

a. Fold hose out to open bed

b. First flake of 2nd tier parallel to outside of hose bed and back on itself

c. Continue load across to hose bed center divider

2. Method 2 -

a. Last flake in first tier raised as it approaches front of hose bed

b. Then placed hose bed

c. Then placed against hose bed center divider to starting point of first tier

10. Continue to load hose bed

10a. Repeating steps 3 through 9

b. Until all hose bedded

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HOW TO BED AN ACCORDION LOAD

APPLICATION:

The student will practice until proficient.

EVALUATION:

A performance examination.

ASSIGNMENT:

To be determined by instructor(s).

Performance Examination

	<u>POINTS</u>
1. Inspect couplings to see that they are clean and operate properly.	<u>10</u>
2. Place coupling near hose bed divider at rear of hose bed.	<u>10</u>
3. Stand hose on edge in hose bed and position first flake parallel to and against center hose bed divider.	<u>10</u>
4. Fold (loop) hose toward open hose bed and position second flake parallel and adjacent to first flake (i.e. back on itself).	<u>10</u>
5. Repeat step #4 until first tier is loaded.	<u>10</u>
6. Stagger couplings in hose bed.	<u>10</u>
7. Use Dutchmen as necessary to eliminate couplings turning when hose deployed.	<u>10</u>
8. When the opposite side of the hose bed is reached the last flake should gradually rise as it approaches the front of the hose bed.	<u>10</u>
9. Position the hose so it is parallel to and runs the full width of the front of the hose bed.	<u>5</u>
10. Position the hose so it is parallel to and runs the full length of the center hose bed divider and back to the starting point of the first tier.	<u>5</u>
11. Repeat steps 3 through 10 until the hose bed is loaded.	<u>10</u>

POINTS POSSIBLE: 100

POINTS DEDUCTED:

FINAL SCORE:

EVALUATOR'S SIGNATURE:

Performance Examination

DATE:

COMMENTS:
