



Fire Protection Training

Procedures Handbook 4300

HOSE

TOPIC: How to Bed a Flat Load

TIME FRAME: 1 Hour

LEVEL OF INSTRUCTION:

BEHAVIORAL OBJECTIVE:

Condition: Four lengths of fire hose, an appropriate hose bed, and two assistants

Behavior: The student will flat load four lengths of hose under simulated fire conditions.

Standard: With a minimum of 70% accuracy

MATERIALS NEEDED:

- Four sections of hose
- An engine with a hose bed
- Two assistants
- Performance examination

REFERENCES:

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

PREPARATION:

The flat load is an easy load for a single person to pull. If loaded properly it pays out easily and makes efficient utilization of the hose bed. The flat load also minimizes wear on the hose edges.

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HOW TO BED A FLAT LOAD

OPERATIONS

KEY POINTS

- | OPERATIONS | KEY POINTS |
|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| 1. Position fire hose | 1a. At rear of hose bed
b. All 4 lengths
c. Clean and dry |
| 2. Clean hose bed | 2a. Remove debris, ashes and/or water |
| 3. Start with male or female coupling | 3a. Male coupling for a forward load
b. Female coupling for a reverse load
c. Make sure couplings are clean and operate properly |
| 4. Place coupling in corner of the hose bed. | 4a. Near hose bed divider
b. Usually in rear of apparatus |
| 5. Lay hose flat in hose bed | 5a. Start from coupling
b. In a front to back or back to front direction
c. Parallel to the hose bed divider |
| 6. Fold at front and rear of hose bed | 6a. Folds (loops) will be laying side by side
b. Work hose to make a tight fold (loops) |
| 7. While laying hose to the rear of apparatus, lay in a slight diagonal order | 7a. So next flake will lay along side the first |
| 8. Lay hose back on itself | 8a. To front of apparatus
b. Over diagonal section |
| 9. Make each succeeding flake in the same manner | 9a. Same length on each tier |
| 10. Stagger couplings in the hose bed | 10a. To avoid having couplings side by side
b. To fully utilize hose bed
c. So coupling will not interfere with folds |

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11. Position couplings

12. When other side of the hose bed is reached, the hose should be placed back on itself to start the next tier

13. Continue to load hose

11a. Use Dutchman if necessary

b. So coupling will pull straight out without having to flip over

c. Avoid couplings being side by side

12a. Each tier should be staggered

b. Approximately 4" from front and back

c. One tier full lengths, next tier 4" short front and back, and next tier full lengths, etc.

13a. In the same method

b. Until all hose is loaded



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HOW TO BED A FLAT 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. Hose bed inspected to ensure it is clean and dry	<u>10</u>
2. Position coupling at center hose bed divider at rear of apparatus hose bed	<u>10</u>
3. Lay hose flat in hose bed toward front of hose bed and parallel to divider	<u>10</u>
4. At front of hose bed fold hose back on itself	<u>10</u>
5. Lay hose to rear of hose bed on a diagonal adjacent to previous flake	<u>10</u>
6. Use Dutchman to position coupling: so it doesn't turn in hose bed, to prevent interference with folds, to prevent couplings from being adjacent to one another	<u>20</u>
7. At outside of hose bed start next layer/tier staggering folds 4" short of front and back of first tier	<u>20</u>
8. Continue loading until all hose is loaded	<u>10</u>

POINTS POSSIBLE: 100

POINTS DEDUCTED:

FINAL SCORE:

EVALUATOR'S SIGNATURE:

DATE:

COMMENTS: