



# Fire Protection Training

Procedures Handbook 4300

HOSE

**TOPIC:** How to Bed an Accordion Load

**TIME FRAME:** 1:00

**LEVEL OF INSTRUCTION:** II

**BEHAVIORAL OBJECTIVE:**

*Condition:* Given 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 80% accuracy

**MATERIALS NEEDED:**

- Four sections of hose pre-coupled
- Engine with a hose bed
- Performance examinations
- One (1) clip board
- One (1) stop watch
- Red pens
- Individual score sheets
- Two assistants
- Appropriate firefighting personal protective gear per CAL FIRE policy

**REFERENCES:**

- IFSTA, Essentials of Fire Fighting, 5th Edition, Chapter 13-1-6

**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<br>b. Female coupling for a reverse load<br>c. Make sure couplings are clean and operate properly                  |
| 2. Place coupling in corner of the hose bed                          | 2a. Near hose bed divider<br>b. Usually in rear of apparatus  |
| 3. Stand hose on edge in hose bed                                    | 3a. Start from coupling<br>b. Flake hose from front to back or back to front of hose bed<br>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<br>1) 4" - 6"<br>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<br>b. On edge  |
| 6. Continue until a coupling is reached                              | 6a. Back and forth<br>b. Packing hose tightly and neatly  |
| 7. Stagger couplings in the hose bed                                 | 7a. To avoid couplings side by side<br>b. To fully utilize hose bed<br>c. To allow easy removal of hose<br>d. So coupling will not interfere with folds |
| 8. Use "Dutchman" to position coupling for proper exit               | 8a. As necessary<br>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 is bedded

# Performance Examination

***APPLICATION:***

The student will practice until proficient.

***EVALUATION:***

A performance examination.

***ASSIGNMENT:***

To be determined by instructor(s).