



# FIRE PROTECTION TRAINING

Procedures Handbook 4300

HOSE

**TOPIC:** How to Bed a Triple Layer Load (Triple Fold Load)

**TIME FRAME:** :15

**LEVEL OF INSTRUCTION:** Level II

**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 80% accuracy

**MATERIALS NEEDED:**

- 150' of 1-1/2" fire hose
- A 1-1/2" nozzle,
- An assistant in appropriate PPE
- Performance examination
- Appropriate fire safety PPE per CAL FIRE policy

**REFERENCES:**

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

**PREPARATION:**

Many fire departments use a triple layer load for attack lines. This load 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
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 $\frac{2}{3}$ 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 b. 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. On top of hose
7. Connect hose	7a. Female coupling hose #1 to hose bed discharge outlet



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## OPERATIONS

## 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).