



# Fire Protection Training

Procedures Handbook 4300

ROPES & KNOTS

**TOPIC:** How to Tie Off a Charged Hose Line for Hoisting

**TIME FRAME:** 30 Minutes

**LEVEL OF INSTRUCTION:**

**BEHAVIORAL OBJECTIVE:**

*Condition:* One length of hose with a nozzle attached, a length of rope, and a means for charging the hose line with water.

*Behavior:* The student will tie off a charged hoseline, for an above ground hoist under simulated fireground conditions.

*Standard:* With a minimum of 100% accuracy within 30 seconds

**MATERIALS NEEDED:**

- One length of rope
- One stop watch
- One charged hoseline with nozzle

**REFERENCES:**

- IFSTA, Essentials of Fire Fighting, 2nd Edition, Chapter 3
- IFSTA, Hose Practices, 7th Edition, Chapter 7

**PREPARATION:** The ability to effectively use ropes, knots, and hitches is a basic skill which every firefighter should possess. It is critical that every firefighter perform these skills in a professional manner. Failure to do so can result in serious injury to personnel and/or damage equipment.



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HOW TO TIE OFF A CHARGED  
HOSE LINE FOR HOISTING

## OPERATIONS

## KEY POINTS

- | OPERATIONS           | KEY POINTS  |
|----------------------|---|
| 1. Position rope     | 1a. Along side nozzle and hose<br>b. From nozzle to a point 6' below nozzle         |
| 2. Tie a clove hitch | 2a. Around hoseline<br>b. With running part end<br>c. 6' below nozzle               |
| 3. Tie a half hitch  | 3a. Around base of the nozzle   |
| 4. Place a bight     | 4a. Through nozzle bale<br>b. Around nozzle tip<br>c. Running end back through bale |
| 5. Tie a half hitch  | 5a. Around the nozzle tip<br>b. Prevents bale from opening                          |
| 6. Lift the hoseline | 6a. Using the rope  |



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***APPLICATION:***

The student will practice until proficient.

***EVALUATION:***

A performance examination.

***ASSIGNMENT:***

To be determined by instructor(s).

# Performance Examination

HOW TO TIE OFF A CHARGED  
HOSE LINE FOR HOISTING

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## POINTS

### TIME START

- |    |   |           |
|----|---|-----------|
| 1. | Lay rope parallel to charged line from nozzle to a point six feet below the nozzle.         | <u>10</u> |
| 2. | Tie a clove hitch around the hoseline six feet below the nozzle using the running part end. | <u>20</u> |
| 3. | Tie a half hitch around the base of the nozzle.   | <u>20</u> |
| 4. | Pass a bight through the bale and around the nozzle tip.                                    | <u>20</u> |
| 5. | Tie a half hitch around the nozzle tip.   | <u>20</u> |
| 6. | Lift the hoseline using the rope.   | <u>10</u> |

### TIME STOP

ENTER TOTAL TIME: \_\_\_\_\_:

POINTS POSSIBLE: 100

POINTS DEDUCTED:

FINAL SCORE:

EVALUATOR'S SIGNATURE:

DATE:

### COMMENTS:

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