



Fire Protection Training

Procedures Handbook 4300

ROPES & KNOTS

TOPIC: How To Tie Off A Dry Hoseline For Hoisting

TIME FRAME: 30 Minutes

LEVEL OF INSTRUCTION:

BEHAVIORAL OBJECTIVE:

Condition: One length of hose with nozzle attached, gloves, and one length of rope

Behavior: The student will hoist a length of hose with a nozzle utilizing a rope under simulated fireground conditions.

Standard: With a minimum of 100% accuracy within 45 seconds

MATERIALS NEEDED:

- One length of rope
- One length of hose with nozzle
- Stop watch
- Performance examinations

REFERENCES:

- IFSTA, Essentials of Fire Fighting, 2nd Edition, Chapter 3

PREPARATION:

The ability to effectively use ropes, knots and hitches is a basic skill which every fire fighter 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 to equipment.



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HOW TO TIE OFF A DRY
HOSELINE FOR HOISTING

OPERATIONS

KEY POINTS

1. Position hose and nozzle

1a. Dry

b. Nozzle bale shut off

c. 20 feet laid flat on ground

2. Position rope

2a. Along side nozzle and hose

b. From nozzle to a point 6 feet below nozzle

3. Fold hose and nozzle

3a. Over on itself

b. Forming 3' fold of hose

c. Nozzle bale down and protected

4. Tie hose off

4a. Clove hitch with safety over tip of nozzle using running part end of rope

b. Near shut off

c. Knot placed opposite side of hose from nozzle

5. Tie hose off

5a. Running rope up back side of hose in relation to the nozzle

b. To a point 12" below hose fold on doubled section

c. With a half hitch

6. Hoist the hose and nozzle

6a. Using standing part of rope



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HOW TO TIE OFF A DRY
HOSELINE FOR HOISTING

APPLICATION:

Student to practice until proficient.

EVALUATION:

A performance examination.

ASSIGNMENT:

To be determined by instructor(s).

Performance Examination

HOW TO TIE OFF A DRY
HOSELINE FOR HOISTING

POINTS

TIME START

- | | | |
|----|---|-----------|
| 1. | Lay a length of hose with nozzle attached on the ground with at least 20 feet fully extended and laying flat | <u>10</u> |
| 2. | Lay a length of rope alongside the nozzle and hose from the nozzle to a point 6 feet below the nozzle | <u>10</u> |
| 3. | Fold the hose and nozzle with bale down over on itself creating at least a three foot section of doubled hose | <u>20</u> |
| 4. | Tie the nozzle tip to the hose with a clove hitch and a safety. The nozzle bale should be against the hose in a protected position and the knot should be on the backside of the rope | <u>30</u> |
| 5. | Running the rope up the back side of the hose tie a half hitch around the folded/doubled section of hose at a point 12" below the hose loop | <u>20</u> |
| 6. | Hoist the hose and nozzle using the standing part of 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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