



# Fire Protection Training

Procedures Handbook 4300

ROPES & KNOTS

**TOPIC:** How To Tie Off A Pike Pole For Hoisting

**TIME FRAME:** 30 Minutes

**LEVEL OF INSTRUCTION:**

**BEHAVIORAL OBJECTIVE:**

*Condition:* A length of rope and a pike pole

*Behavior:* Student will tie a rope to a pike pole and hoist it under simulated fire conditions.

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

**MATERIALS NEEDED:**

- Pike pole
- Length of rope
- 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 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 to equipment.



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HOW TO TIE OFF A PIKE POLE  
FOR HOISTING

## OPERATIONS

## KEY POINTS

- | OPERATIONS                      | KEY POINTS   |
|---------------------------------|--|
| 1. Lay pike pole                | 1a. Flat on ground   |
| 2. Position rope                | 2a. Adjacent to pike pole<br>b. With running part end extending from tip of pike pole to a point 1/3 of the distance from the butt of the handle |
| 3. Tie a clove hitch (up)       | 3a. One third of the distance from the butt of the handle<br>b. Using running part end of the rope   |
| 4. Tie a half hitch (up)        | 4a. Two thirds of the distance from the butt of the handle   |
| 5. Tie a second half hitch (up) | 5a. On head of pike pole<br>b. Immediately below the pike pole hook<br>c. Aligned with original clove hitch and half hitch                       |
| 6. Hoist pike pole              | 6a. Using standing part of the rope  |



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***APPLICATION:***

Student to practice until proficient.

***EVALUATION:***

A performance examination.

***ASSIGNMENT:***

To be determined by instructor(s).

# Performance Examination

HOW TO TIE OFF A PIKE POLE  
FOR HOISTING

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## POINTS

### TIME START

1. With pike pole laying flat on ground position rope adjacent to the pike pole passing the running part end from the tip of the pike pole down to a point 1/3 of the distance from the butt of the handle 20
2. Tie a clove hitch using the running part end of the rope 20
3. Tie a half hitch at a point two thirds of the distance from the base of the handle to the head of the pike pole. This half hitch to be aligned with the original clove hitch 20
4. Tie a second half hitch (up) on the head of the pike pole immediately below the pike pole hook. This half hitch to be aligned with the previous half hitch and the original clove hitch 20
5. Hoist the pike pole using the standing part of the rope 20

### TIME STOP

**ENTER TOTAL TIME:**     :

**POINTS POSSIBLE:** 100

**POINTS DEDUCTED:**

**FINAL SCORE:**

**EVALUATOR'S SIGNATURE:**

**DATE:**

### COMMENTS:

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