



# Fire Protection Training

Procedures Handbook 4300

FIREFIGHTER SAFETY

**TOPIC:** How to Cross Through Fire, Shovel Method

**TIME FRAME:** 20 Minutes

**LEVEL OF INSTRUCTION:**

**BEHAVIORAL OBJECTIVE:**

*Condition:* A simulated fire entrapment situation, a long handle round point shovel, a one gallon canteen and a full wildland safety uniform

*Behavior:* Student will evaluate, prepare, and make entry into a burned area through flames under simulated fireline conditions

*Standard:* With a minimum of 100% accuracy within 1 minute

**MATERIALS NEEDED:**

- Long handle round point shovel
- One gallon canteen of water
- Complete wildland safety uniform
- Stop watch
- Performance examinations

**REFERENCES:**

- None

**PREPARATION:**

In a fire entrapment situation, the ability to make an accurate evaluation of conditions and take rapid action may save your life.

4306.7



# Fire Protection Training

Procedures Handbook 4300

HOW TO CROSS THROUGH FIRE,  
SHOVEL METHOD

## OPERATIONS

## KEY POINTS

- | OPERATIONS                            | KEY POINTS  |
|---------------------------------------|---|
| 1. Choose crossing point              | 1a. Lowest flame intensity<br>b. Fewest obstacles<br>c. Fewest hazards  |
| 2. Check safety uniform and equipment | 2a. Nomex pants<br>b. Nomex shirt<br>c. Helmet<br>d. Shroud<br>e. Goggles<br>f. Gloves<br>g. Web gear<br>h. Boots<br>i. Canteen<br>j. Forest fire shelter |
| 3. Discard flammable items            | 3a. Lighters<br>b. Fusees/flares<br>c. Gasoline<br>d. Oil   |
| 4.                                    | 4a. Blade shielding face<br>b. Not obstructing vision   |
| 5. Cross through flame                | 5a. Controlled hurry<br>b. Holding breath<br>c. Crouch if flame/heat is high<br>d. Upright if flame fuel/heat is low                                      |

4306.7



# Fire Protection Training

Procedures Handbook 4300

HOW TO CROSS THROUGH FIRE,  
SHOVEL METHOD

---

## ***APPLICATION:***

Student to practice until proficient.

## ***EVALUATION:***

A performance examination.

## ***ASSIGNMENT:***

To be determined by instructor(s).

# Performance Examination

HOW TO CROSS THROUGH FIRE,  
SHOVEL METHOD

---

## POINTS

### TIME STARTS

1. Check safety uniform to ensure:
  - a. Nomex shirt collar up, all buttons fastened, sleeves down 5
  - b. Nomex pant leg cuffs outside boots 5
  - c. Boots laced tightly 5
  - d. Helmet on with chin strap fastened 5
  - e. Nomex shroud secured 5
  - f. Goggles in place 5
  - g. Gloves on with gauntlets fully extended 5
  - h. Forest fire shelter and web gear secured 5
2. Discard all flammable items (gasoline, oil, fusees, flares, etc.) 15
3. Pick up and position shovel to shield face from heat and flame without obscuring vision. 15
4. Cross through flame quickly in crouched position for elevated heat concentration and upright for low heat concentration. 15
5. Do not breathe while passing through intense heat area. 15

### TIME STOPS

**POINTS DEDUCTED:**     :

**POINTS POSSIBLE:**   100  

**POINTS DEDUCTED:**

**FINAL SCORE:**

4306.7

**EVALUATOR'S SIGNATURE:**

**DATE:**

**COMMENTS:**

---

---

---

---