



# Fire Protection Training

Procedures Handbook 4300

HOSE

**TOPIC:** Safety Precautions Associated With Laying Medium & Large Diameter Hose

**TIME FRAME:** 30 Minutes

**LEVEL OF INSTRUCTION:**

**BEHAVIORAL OBJECTIVE:**

*Condition:* A written quiz

*Behavior:* The student will list and describe safety precautions to be utilized when laying hose.

*Standard:* With a minimum of 70% accuracy

**MATERIALS NEEDED:**

- Chalkboard
- Chalk
- Appropriate visual aids
- Audio visual equipment

**REFERENCES:**

- IFSTA, Firefighter Occupational Safety, 1st Edition, Chapter 8

**PREPARATION:** The fireground is a dangerous place. If safety precautions are not followed, a firefighter may be injured. Once injured, firefighters tie up additional resources and become part of the problem not part of the solution.



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SAFETY PRECAUTIONS ASSOCIATED  
WITH LAYING MEDICUM & LARGE  
DIAMETER HOSE

## PRESENTATION

## APPLICATION

### I. UPON ARRIVAL AT SCENE

#### A. Do Not Take Action Until Told To Do So

1. Remain on apparatus until told to dismount
2. Keep seat belt on until given an assignment
3. Ensure that you fully understand instructions

#### B. Dismounting Engine

1. Recheck all safety equipment and safety uniform
  - a. Use buddy system
2. Watch step
  - a. Uneven surfaces
  - b. Slippery surfaces
  - c. Unstable surface
  - d. Exercise particular care at night
3. Ensure apparatus is fully stopped
4. Beware of other vehicular traffic in the vicinity

#### C. When Removing Hose and Equipment from the Apparatus

1. Ensure stable footing
2. Lift with legs, not the back
3. Be cautious when retrieving hose from overhead storage areas
4. Obtain assistance for heavy or awkward items

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PRESENTATION	APPLICATION
<p>5. Close compartment doors which are not in use</p> <p>6. Check clearances front, back and overhead when carrying "long" items</p> <p>7. When pulling hose, use your legs not the back</p> <p>8. Do not attempt to carry more hose or equipment than is safe</p> <p><b>II. DURING FIREFIGHTING OPERATIONS</b></p> <p>A. Be Safety Conscious When Advancing Hose</p> <ol style="list-style-type: none"><li>1. Maintain firm grip on nozzle</li><li>2. Assign the number of personnel required to safely staff the line</li><li>3. If nozzle or broken hose creates a "wild" hoseline, use safest technique to "retrieve" the line<ol style="list-style-type: none"><li>a. Shut off pump</li><li>b. Shut off engine discharge</li><li>c. Clamp the line between the pump discharge and the loose or wild end</li></ol></li><li>4. Pace yourself to avoid fatigue and errors of judgment associated with fatigue</li><li>5. Ensure that you've sufficient pressure and gallonage to overcome the fire</li><li>6. Do not use untested or poorly maintained hose</li><li>7. Inspect hose throughout the life of the fire to ensure the hose's safety and structural integrity are maintained<ol style="list-style-type: none"><li>a. Avoid</li></ol></li></ol>	



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PRESENTATION	APPLICATION
<ul style="list-style-type: none"><li>(1) Sharp edges</li><li>(2) Hot embers</li><li>(3) Chemical contaminants</li><li>(4) Repeated abrasion on rough surfaces or corners</li></ul> <p>b. Replace worn or damaged sections promptly after discovery</p>	



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## **SUMMARY:**

The fireground is a dangerous place. Your heads-up actions and safe practices can prevent injury to yourself and others. They will also expedite the fireground operations required to protect the public we serve.

## **EVALUATION:**

A written quiz.

## **ASSIGNMENT:**

To be determined by instructor(s).