



# Fire Protection Training

Procedures Handbook 4300

HOSE

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**TOPIC:** Maintenance of Fire Hose Records

**TIME FRAME:** :30

**LEVEL OF INSTRUCTION:** Level I

**BEHAVIORAL OBJECTIVE:**

*Condition:* A written quiz

*Behavior:* The student will describe the procedure to maintain hose records

*Standard:* With a minimum of 80% accuracy

**MATERIALS NEEDED:**

- Appropriate visual aids
- Sample hose maintenance records
- Audio visual equipment

**REFERENCES:**

- IFSTA, Hose Practices, 7th Edition, Chapter 2

**PREPARATION:** Accurate fire hose records are necessary in the fire service. When ISO establishes the fire insurance rating for your community, hose records are one of the criteria they may use to assess your department's fire readiness. Further, if properly maintained, hose records can help determine if a piece of hose or shipment of hose is defective and can serve as a base for justifying replacement of in service hose.



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MAINTENANCE OF HOSE  
RECORDS

PRESENTATION	APPLICATION
<p><b>I. PURPOSE OF HOSE RECORDS</b></p> <ul style="list-style-type: none"><li>A. Establishes chronological history of a length of hose from acceptance to replacement</li><li>B. Helps prepare replacement schedule<ul style="list-style-type: none"><li>1. Useful for budget preparation</li><li>2. Identifies defective length or lot</li></ul></li></ul> <p><b>II. HOSE RECORD ENTRIES SHOULD BE MADE</b></p> <ul style="list-style-type: none"><li>A. When hose is accepted</li><li>B. When service tests are performed</li><li>C. When hose is placed out of service</li><li>D. When hose is repaired</li><li>E. When hose is permanently taken out of service</li></ul> <p><b>III. INFORMATION TO BE RECORDED IN HOSE RECORDS</b></p> <ul style="list-style-type: none"><li>A. Identification number of hose<ul style="list-style-type: none"><li>1. Stenciled on hose</li><li>2. Color coding on hose</li><li>3. Stamped on female coupling or swivel<ul style="list-style-type: none"><li>a. Method used to identify hose must not damage hose or coupling</li></ul></li></ul></li><li>B. Hose manufacturer and vendor</li><li>C. Hose size (inside diameter)</li><li>D. Hose length</li><li>E. Type of hose<ul style="list-style-type: none"><li>1. Woven</li><li>2. Synthetic</li><li>3. Lined or unlined</li></ul></li></ul>	<p>What is the minimum information to be kept on hose records?</p>



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PRESENTATION	APPLICATION
<ul style="list-style-type: none"><li>4. Single or double jacket</li><li>F. Warranty period</li><li>G. Service test pressure</li><li>H. Repairs made<ul style="list-style-type: none"><li>1. Date removed from service</li><li>2. Nature of repair and damage</li><li>3. New hose length</li><li>4. Repair person's name</li><li>5. Date returned to service</li></ul></li><li>I. Date hose removed from service<ul style="list-style-type: none"><li>1. Reason for removal</li><li>2. Name of person removing hose</li></ul></li></ul> <p><b>IV. FIRE HOSE RECORDS</b></p> <ul style="list-style-type: none"><li>A. Maintained at station level</li><li>B. Acceptable methods include:<ul style="list-style-type: none"><li>1. Book entry</li><li>2. Inventory card system</li><li>3. Computerized<ul style="list-style-type: none"><li>a. barcoding</li></ul></li></ul></li></ul>	



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## ***SUMMARY:***

If properly maintained, a hose record system can point out defective lengths or lots of hose, identify where, when, and by whom a length of hose was tested or repaired, and create a statistical base for budgeting replacement hose, and keeping inventory of in-service hose.

## ***EVALUATION:***

A written quiz.

## ***ASSIGNMENT:***

To be determined by instructor(s).