



Fire Protection Training

Procedures Handbook 4300

HOSE APPLIANCES & TOOLS

TOPIC: Hose Hoist Tool

TIME FRAME: 15 Minutes

LEVEL OF INSTRUCTION:

BEHAVIORAL OBJECTIVE:

Condition: A written quiz

Behavior: The student will list and describe the purpose and function of the hose hoist tool.

Standard: With a minimum of 70% accuracy

MATERIALS NEEDED:

- Hose hoist tool
- Sections of hose
- Rope

REFERENCES:

- IFSTA, Essentials of Fire Fighting, 2nd Edition, Chapter 10
- IFSTA, Hose Practices, 7th Edition, Chapter 3

PREPARATION: It is often necessary to hoist hose aloft. The hose hoist tool is an essential part of the process. If the tool is not used the operation can consume considerable time and energy and the effective life of hose is dramatically reduced.



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HOSE HOIST TOOL

PRESENTATION

APPLICATION

I. PURPOSE OF HOSE HOIST TOOL

- A. To Provide a Smooth Surface Over Which Hose or Rope Can Be Raised or Lowered Without Being Cut or Damaged

II. FUNCTION OF THE HOSE HOIST TOOL

- A. Designed to Fit Over a Window Sill or Roof Edge Which Can Damage a Hose or Rope
- B. Reduces Friction and Minimizes Effort of Hoisting Hose or Rope
- C. Secured with a Rope
 - 1. Tied to long side of hose hoist tool
 - 2. Tied off to sturdy object
- D. Consists of Metal Frame That Fits Over Window Sill or Roof Edge
 - 1. Contains two or more rollers over which rope or hose is pulled
 - 2. Reduces friction and damage

Ask students if they can relate any experiences where hose has been damaged from being pulled across sharp surfaces.



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HOSE HOIST TOOL

SUMMARY:

The hose hoist tool is used to reduce the damage to rope or hose being hoisted aloft or lowered over an edge.

EVALUATION:

A written quiz.

ASSIGNMENT:

To be determined by instructor(s).