



Fire Protection Training

Procedures Handbook 4300

SALVAGE & OVERHAUL

TOPIC: Protecting Floors and Walls

TIME FRAME: 30 Minutes

LEVEL OF INSTRUCTION:

BEHAVIORAL OBJECTIVE:

Condition: A written quiz

Behavior: The student will list and describe the procedures used to protect walls and floors during salvage operations.

Standard: With a minimum of 70% accuracy

MATERIALS NEEDED:

- Appropriate visual aids
- Audio visual equipment

REFERENCES:

- IFSTA, Essentials of Fire Fighting, 2nd Edition, Chapter 12

PREPARATION: When water collects in a building, most of it will be on floors. Salvage operations should reflect an understanding of the effects of water accumulation on floor coverings. Although damage to the finish of wood floors is always a concern, a greater problem is that wood floors react to severe or prolonged dampness by warping, swelling and buckling. Various types of composition and tile coverings will often separate from the floor when the water seeps under the coverings. To limit this type of damage many types of salvage equipment and many salvage methods should be considered prior to forming a salvage plan.



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PROTECTING FLOORS AND WALLS

PRESENTATION	APPLICATION
<p>I. METHODS OF PROTECTING FLOORS AND FLOOR COVERINGS</p> <p>A. Floors and Floor Coverings May be Damaged by Water and Debris</p> <ol style="list-style-type: none">1. This is a serious salvage problem2. Salvage operations must be initiated without delay in order to limit damage3. Appropriate tools<ol style="list-style-type: none">a. Salvage coversb. Hall runnersc. Shovelsd. Squeegeese. Broomsf. Mops and bucketsg. Water vacuumh. Portable or submersible pumps <p>B. Efforts Must be Made to Prevent Excessive Water from Reaching the Floor</p> <ol style="list-style-type: none">1. Be conservative in use of water2. Route excess water	<p>Why is it necessary to remove water from floors?</p> <p>Name places that floor runners can be used</p>

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PRESENTATION	APPLICATION
<ul style="list-style-type: none">a. Numerous avenues can be used to remove water from the building<ul style="list-style-type: none">(1) Floor drains(2) Toilets(3) Stairways(4) Breaching walls or floors(5) Elevator shafts3. Carpeting<ul style="list-style-type: none">a. Water on carpeting presents a serious problemb. If soaked, it is sometimes a good policy to take the carpet off the floorc. Dry rugs should be rolled and placed out of danger on furniture under salvage coversd. The water vacuum may be the best tool for removing water from carpets	
<p>II. METHODS OF PROTECTING WALLS AND WALL COVERINGS</p> <ul style="list-style-type: none">A. The Major Concern is Protecting Walls from Water Which Originates in Attics and on Upper Floors<ul style="list-style-type: none">1. Types of water damage	



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<ul style="list-style-type: none">a. Falling plaster b. Peeling wallpaperc. Mildewed tapestriesd. Water-logged fixturese. Stained woodf. Water-logged pictures <p>B. Methods Used to Minimize Water Damage to Walls and Wall Coverings Includes:</p> <ul style="list-style-type: none">1. Dealing with water in attic or upper floors is preferred method<ul style="list-style-type: none">a. Constructing chutes and dikes to exteriorb. Constructing catch basinsc. Utilize existing drainsd. Absorbing water with sawdust on like substancee. Using water vacuumf. Sandbagging2. Dealing with water below the fire floor/attic<ul style="list-style-type: none">a. Constructing chutes and dikesb. Constructing catch basins	<p>In a room, one wall of which is covered with tapestry, bookcases, etc., where should salvage operations begin?</p>



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<ul style="list-style-type: none">c. Removing valuable itemsd. Covering items in place	



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SUMMARY:

Salvage is one of the best public relations activities going for the fire service. It is important that you understand various salvage methods and practice them during fire operations.

EVALUATION:

A written quiz.

ASSIGNMENT:

To be determined by instructor(s).