



Fire Protection Training

Procedures Handbook 4300

SALVAGE & OVERHAUL

TOPIC: How to Make a Stairway Drain

TIME FRAME: 20 Minutes

LEVEL OF INSTRUCTION:

BEHAVIORAL OBJECTIVE:

Condition: A salvage cover in an accordion fold and a stairway

Behavior: The student will make a stairway drain under simulated fire conditions.

Standard: With a minimum of 70% accuracy

MATERIALS NEEDED:

- One salvage cover
- A stairway
- One performance examination per student

REFERENCES:

- IFSTA, Salvage and Overhaul, 7th Edition, Chapter 3
- IFSTA, Essentials of Fire Fighting, 2nd Edition, Chapter 12

PREPARATION: In order to channel water from a structure to the exterior of the building, a stairway drain may be helpful. If properly used, this device can reduce the amount of time, effort and damage associated with water removal.



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HOW TO MAKE A STAIRWAY DRAIN

OPERATIONS

KEY POINTS

1. Position firefighter
2. Throw salvage cover
3. Extend salvage cover
4. Roll salvage cover
5. Push salvage cover
6. Adjust salvage cover

- 1a. With salvage cover
 - b. At top of stairwell
- 2a. Onto stairs
 - b. Using accordion throw
- 3a. Fully
 - b. Within stairwell
 - c. Across full width of stairwell
- 4a. From each side
 - b. Toward center of stairwell
 - c. Evenly
 - d. Tightly
 - e. Stopping when cover is at stairwell dimension
- 5a. Against each riser and tread
 - b. From top down
 - c. One step at a time
 - d. Until salvage cover conforms to the shape of the stairwell
- 6a. At bottom of stairwell
 - b. To channel water to exterior of the building
 - c. Flattening cover as you proceed



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HOW TO MAKE A STAIRWAY DRAIN

APPLICATION:

Student to practice until proficient.

EVALUATION:

A performance examination.

ASSIGNMENT:

To be determined by instructor(s).

Performance Examination

	<u>POINTS</u>
1. Position firefighter at top of stairway with a salvage cover folded in an accordion fold.	<u>10</u>
2. Throw salvage cover down the stairway onto the stairs using an accordion throw.	<u>20</u>
3. Extend salvage cover fully in the stairway.	<u>10</u>
4. Grasp either side of the salvage cover in an overhand grip and roll it evenly and tightly toward the center of the stairway until it reaches the point at which the stairway wall and stairs intersect.	<u>20</u>
5. Grasp the opposite side of the salvage cover in an overhand grip and roll it evenly and tightly toward the center of the stairway until it is the same dimension as the stairway.	<u>20</u>
6. Starting at the top of the stairway and working down, push the salvage cover tight against each successive riser and tread until the salvage cover conforms to the shape of the stairwell.	<u>10</u>
7. At the base of the stairway, flatten and position the rolled salvage cover so as to channel water to the exterior of the building.	<u>10</u>

ENTER TOTAL TIME: _____:

POINTS POSSIBLE: 100

POINTS DEDUCTED:

FINAL SCORE:

EVALUATOR'S SIGNATURE:

DATE:

COMMENTS: