



# State Firefighters' and Fire Marshals' Association of Texas

Texas Volunteer Firefighters' and Fire Marshals' Certification Board

PO Box 1409 ♦ Manchaca, Texas 78652-1409

www.sffma.org ♦ 512.454.3473 (phone)

## INSTRUCTIONAL SKILLS

### **SALVAGE FFI-1**

Cleaning and Inspecting Salvage Covers

**Subject: Preparedness and Maintenance**

**NFPA 1001 4.5.1**

#### **REFERENCE**

Clean and check ladders, ventilation equipment, SCBA, ropes, salvage equipment, and hand tools, given cleaning tools, cleaning supplies, and an assignment, so that equipment is clean and maintained according to manufacturer's or departmental guidelines, maintenance is recorded, and equipment is placed in a ready state or reported otherwise. (4.5.1)

#### **OBJECTIVE**

Trainee shall inspect and clean a salvage cover.

#### **INSTRUCTIONS - procedures for achieving the objective**

Given a salvage cover and the appropriate cleaning equipment, you will demonstrate the proper technique for inspecting the cover for damage and for cleaning the cover. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

#### **PREPARATION & EQUIPMENT**

Salvage cover

PPE appropriate for the skill



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## INSTRUCTIONAL SKILLS

### SALVAGE FFI-1

Cleaning and Inspecting Salvage Covers

Trainee: \_\_\_\_\_

Department: \_\_\_\_\_

Trainee shall inspect and clean a salvage cover. (4.5.1)			
	POSSIBLE POINTS	TEST	RETEST
a. Spreads the salvage cover flat for cleaning	1		
b. Scrubs salvage cover with a detergent solution and a brush	1		
c. Thoroughly rinses salvage cover	1		
d. <i>Verbalizes that the cover should be thoroughly dried before returning it to service</i>	1		
e. Inspects the cover thoroughly for damage by having assistants hold the cover above their heads while looking for holes	1		
f. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:		6	

**Points needed to pass: 4**

**Evaluator/Candidate Comments:**

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Instructor's Signature

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## INSTRUCTIONAL SKILLS

### **SALVAGE FFI-2**

Construction of a Water Chute

#### **Subject: Fireground Operations**

#### **NFPA 1001 4.3.14**

#### **REFERENCE**

Conserve property as a member of a team, given salvage tools and equipment and an assignment, so that the building and its contents are protected from further damage. (4.3.14)

#### **OBJECTIVE**

Trainee shall construct a water chute.

#### **INSTRUCTIONS - procedures for achieving the objective**

Given a salvage cover and two pike poles, you will demonstrate the construction of a water chute to remove water. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

#### **PREPARATION & EQUIPMENT**

Salvage cover

Pike poles

Ladder

PPE appropriate for the skill



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## INSTRUCTIONAL SKILLS

### SALVAGE FFI-2

Construction of a Water Chute

Trainee: \_\_\_\_\_

Department: \_\_\_\_\_

Trainee shall construct a water chute. (4.3.14)			
	POSSIBLE POINTS	TEST	RETEST
a. Fully spreads the cover out on a flat surface, removing most creases and wrinkles	1		
b. Places pike poles at opposite edges of the salvage cover with the pike extending off the end of the cover	1		
c. Rolls the edges of the cover over the pike poles towards the middle until there is approximately a 3foot width between the rolls	1		
d. Flips cover over, keeping folds in place	1		
e. Places the pike ends of the chute on an elevated, secure surface (ladder)	1		
f. Extends the other end out of the area being protected	1		
g. Performs skill in a safe and proficient manner, per AHJ	1		
<b>TOTAL POINTS:</b>	<b>7</b>		

**Points needed to pass: 5**

**Evaluator/Candidate Comments:**

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## INSTRUCTIONAL SKILLS

### **SALVAGE FFI-3**

One-Firefighter Salvage Cover Roll Deployment

#### **Subject: Fireground Operations**

#### **NFPA 1001 4.3.14**

#### **REFERENCE**

Conserve property as a member of a team, given salvage tools and equipment and an assignment, so that the building and its contents are protected from further damage. (4.3.14)

#### **OBJECTIVE**

Trainee shall perform a one-firefighter salvage cover roll.

#### **INSTRUCTIONS - procedures for achieving the objective**

Given a salvage cover, you will demonstrate a "one-firefighter salvage cover roll." You will begin on my instruction to start. The skill will end when you state to me that you have completed the identified steps. Do you understand these instructions?

#### **PREPARATION & EQUIPMENT**

Salvage cover

Furniture or similar items

PPE appropriate for the skill



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## INSTRUCTIONAL SKILLS

### SALVAGE FFI-3

#### One-Firefighter Salvage Cover Roll Deployment

Trainee: \_\_\_\_\_

Department: \_\_\_\_\_

Trainee shall perform a one-firefighter salvage cover roll. (4.3.14)			
	POSSIBLE POINTS	TEST	RETEST
a. Clusters furniture together, then starts at one end of the cluster and unrolls a sufficient amount to cover the end	1		
b. Lays the roll on the object and continues to unroll toward the opposite end	1		
c. Covers the opposite end adequately	1		
d. Stands at one end, grasps the open edges, and opens the sides by snapping hands up and out	1		
e. Opens the other end of the cover over the object in the same manner and straightens the cover and tucks in the edges	1		
f. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:		6	

**Points needed to pass: 4**

**Evaluator/Candidate Comments:**

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## INSTRUCTIONAL SKILLS

### **SALVAGE FFI-4**

Salvage Cover Fold

**Subject: Fireground Operations**

**NFPA 1001 4.3.14**

#### **REFERENCE**

Conserve property as a member of a team, given salvage tools and equipment and an assignment, so that the building and its contents are protected from further damage. (4.3.14)

#### **OBJECTIVE**

Trainee, with a team member, shall fold a salvage cover to be used for the "one-firefighter spread" method.

#### **INSTRUCTIONS - procedures for achieving the objective**

Given a salvage cover that is fully opened on a flat surface, you and a designated partner shall demonstrate the proper method for folding a salvage cover to be used for the "one firefighter spread" method. You will begin on my instruction to start. The skill will end when you state to me that you have completed the identified steps. Do you understand these instructions?

#### **PREPARATION & EQUIPMENT**

Salvage cover

PPE appropriate for the skill



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## INSTRUCTIONAL SKILLS

### SALVAGE FFI-4

Salvage Cover Fold

Trainee: \_\_\_\_\_

Department: \_\_\_\_\_

Trainee, with a team member, shall fold a salvage cover to be used for the "one-firefighter spread" method.  
(4.3.14)

	POSSIBLE POINTS	TEST	RETEST
a. Grasps the cover with the outside hand midway between the center and the edge to be folded, places the other hand as a pivot point midway between the outside hand and the center, and brings the fold over to the center	1		
b. Brings the outside edge over to the center and places it on top of and in line with the previously placed first fold	1		
c. Folds other half of the cover in the same manner as steps a and b	1		
d. Folds ends until folds are just short of the center	1		
e. Places one fold on top of the other fold to finish	1		
f. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	6		

**Points needed to pass: 4**

**Evaluator/Candidate Comments:**

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## INSTRUCTIONAL SKILLS

### **SALVAGE FFI-5**

Salvage Cover Roll

**Subject: Fireground Operations**

**NFPA 1001 4.3.14**

#### **REFERENCE**

Conserve property as a member of a team, given salvage tools and equipment and an assignment, so that the building and its contents are protected from further damage. (4.3.14)

#### **OBJECTIVE**

Trainee, with a team member, shall roll a salvage cover.

#### **INSTRUCTIONS - procedures for achieving the objective**

Given a salvage cover that is fully open on a flat surface, you and a partner shall demonstrate the proper method for rolling a salvage cover. You will begin on my instruction to start. The skill will end when you state to me that you have completed the identified steps. Do you understand these instructions?

#### **PREPARATION & EQUIPMENT**

Salvage cover

PPE appropriate for the skill



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## INSTRUCTIONAL SKILLS

### SALVAGE FFI-5

Salvage Cover Roll

Trainee: \_\_\_\_\_

Department: \_\_\_\_\_

Trainee, with a team member, shall roll a salvage cover. (4.3.14)			
	POSSIBLE POINTS	TEST	RETEST
a. Grasps the cover with the outside hand midway between the center and the edge to be folded, places the other hand as a pivot point midway between the outside hand and the center, and brings the fold over to the center	1		
b. Brings the outside edge over to the center and places it on top of and in line with the previously placed first fold	1		
c. Folds other half of the cover in the same manner as steps a and b	1		
d. Folds over about 12 inches at each end	1		
e. Rolls and compresses one end to complete a tight compact roll	1		
f. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:		6	

**Points needed to pass: 4**

**Evaluator/Candidate Comments:**

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## INSTRUCTIONAL SKILLS

### **SALVAGE FFI-6**

One-Firefighter Salvage Cover Spread

**Subject: Fireground Operations**

**NFPA 1001 4.3.14**

#### **REFERENCE**

Conserve property as a member of a team, given salvage tools and equipment and an assignment, so that the building and its contents are protected from further damage. (4.3.14)

#### **OBJECTIVE**

Trainee shall perform a "one-firefighter spread" with a salvage cover.

#### **INSTRUCTIONS - procedures for achieving the objective**

Given a salvage cover, you will demonstrate a "one-firefighter spread." You will begin on my instruction to start. The skill will end when you state to me that you have completed the identified steps. Do you understand these instructions?

#### **PREPARATION & EQUIPMENT**

Salvage cover

Furniture or similar items

PPE appropriate for the skill



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## INSTRUCTIONAL SKILLS

### SALVAGE FFI-6

#### One-Firefighter Salvage Cover Spread

Trainee: \_\_\_\_\_

Department: \_\_\_\_\_

Trainee shall perform a "one-firefighter spread" with a salvage cover. (4.3.14)			
	POSSIBLE POINTS	TEST	RETEST
a. Clusters furniture together, then starts in the middle of the cluster and unfolds one side of the cover over the objects to be covered	1		
b. Stands at the unfolded end, grasps the open edges, and opens the sides by snapping hands up and out	1		
c. Opens the other end of the cover over the object in the same manner and straightens the cover	1		
d. Tucks in the loose edges at the bottom	1		
e. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:		6	

**Points needed to pass: 4**

**Evaluator/Candidate Comments:**

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## INSTRUCTIONAL SKILLS

### **SALVAGE FFI-7**

Two-Firefighter Salvage Cover Spread

**Subject: Fireground Operations**

**NFPA 1001 4.3.14**

#### **REFERENCE**

Conserve property as a member of a team, given salvage tools and equipment and an assignment, so that the building and its contents are protected from further damage. (4.3.14)

#### **OBJECTIVE**

Trainee, with a team member, shall perform a "two-firefighter spread" with a salvage cover.

#### **INSTRUCTIONS - procedures for achieving the objective**

Given a salvage cover, you will demonstrate a "two-firefighter spread." You will begin on my instruction to start. The skill will end when you state to me that you have completed the identified steps. Do you understand these instructions?

#### **PREPARATION & EQUIPMENT**

Salvage cover

Furniture or similar items

PPE appropriate for the skill



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## INSTRUCTIONAL SKILLS

### SALVAGE FFI-7

Two-Firefighter Salvage Cover Spread

Trainee: \_\_\_\_\_

Department: \_\_\_\_\_

Trainee, with a team member, shall perform a "two-firefighter spread" with a salvage cover. (4.3.14)			
	POSSIBLE POINTS	TEST	RETEST
a. Clusters furniture together	1		
b. Stretches the cover along one side of the object(s) and separates the last half fold	1		
c. Firefighters pull the cover tight between them	1		
d. Prepares to swing folded part up and out, creating a pocket of air under the cover	1		
e. Reaches high with the folded end and pitches it up and over the object	1		
f. Guides the cover into position as it floats over the object	1		
g. Straightens the cover and tucks in the edges	1		
h. Performs skill in a safe and proficient manner	1		
<b>TOTAL POINTS:</b>	<b>8</b>		

**Points needed to pass: 6**

**Evaluator/Candidate Comments:**

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## INSTRUCTIONAL SKILLS

### **SALVAGE FFI-8**

Debris Removal

#### **Subject: Fireground Operations**

#### **NFPA 1001 4.3.14**

#### **REFERENCE**

Conserve property as a member of a team, given salvage tools and equipment and an assignment, so that the building and its contents are protected from further damage. (4.3.14)

#### **OBJECTIVE**

Trainee shall remove debris and charred material.

#### **INSTRUCTIONS - procedures for achieving the objective**

Given a simulated fire situation, you will demonstrate the procedures for debris removal. You will be required to verbalize key steps while performing this skill. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

#### **PREPARATION & EQUIPMENT**

Pumper apparatus

Salvage covers

Assorted hand tools

PPE appropriate for the skill



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## INSTRUCTIONAL SKILLS

### SALVAGE FFI-8

#### Debris Removal

Trainee: \_\_\_\_\_

Department: \_\_\_\_\_

Trainee shall remove debris and charred material. (4.3.14)			
	POSSIBLE POINTS	TEST	RETEST
a. Locates necessary equipment for debris removal	1		
b. Has a charged hoseline ready to extinguish any burning debris	1		
c. Removes debris or charred material	1		
d. After debris is removed from the building, locates material in a suitable location and fashion	1		
e. Verbally states that caution should be exercised in moving debris in a suspicious fire	1		
f. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:		6	

**Points needed to pass: 4**

**Evaluator/Candidate Comments:**

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## INSTRUCTIONAL SKILLS

### **SALVAGE FFI-9**

Covering an Opening in a Structure

#### **Subject: Fireground Operations**

#### **NFPA 1001 4.3.14**

#### **REFERENCE**

Conserve property as a member of a team, given salvage tools and equipment and an assignment, so that the building and its contents are protected from further damage. (4.3.14)

#### **OBJECTIVE**

Trainee shall cover an opening to secure a structure.

#### **INSTRUCTIONS - procedures for achieving the objective**

You will select the appropriate material(s) from an assortment of materials provided and properly cover the openings to secure the identified structure. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

#### **PREPARATION & EQUIPMENT**

Hammer

Nails, assortment

Plywood

Heavy plastic

Roofing/tar paper

PPE appropriate for the skill



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## INSTRUCTIONAL SKILLS

### SALVAGE FFI-9

Covering an Opening in a Structure

Trainee: \_\_\_\_\_

Department: \_\_\_\_\_

Trainee shall cover an opening to secure a structure. (4.3.14)			
Door or window	POSSIBLE POINTS	TEST	RETEST
a. Selects plywood, heavy plastic, or similar material to keep rain out	1		
b. Uses a sufficient amount of material to cover the opening completely to keep out the elements	1		
c. Tacks the edges down to close the opening completely	1		
d. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:		4	

**Points needed to pass: 3**

Roof	POSSIBLE POINTS	TEST	RETEST
a. Selects plywood, roofing/tarpaper, or heavy plastic	1		
b. Uses a sufficient amount of material to cover the opening completely to keep out the elements	1		
c. Uses appropriate nails to secure material	1		
d. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:		4	

**Points needed to pass: 3**

Floor	POSSIBLE POINTS	TEST	RETEST
a. Selects plywood	1		
b. Uses a sufficient amount of material to cover the opening completely, to keep out the elements	1		
c. Uses appropriate nails	1		
d. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:		4	

**Points needed to pass: 3**

**Evaluator/Candidate Comments:**

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## INSTRUCTIONAL SKILLS

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## INSTRUCTIONAL SKILLS

### **SALVAGE FFI-10**

Construction of a Catch All

#### **Subject: Fireground Operations**

#### **NFPA 1001 4.3.14**

#### **REFERENCE**

Conserve property as a member of a team, given salvage tools and equipment and an assignment, so that the building and its contents are protected from further damage. (4.3.14)

#### **OBJECTIVE**

Trainee, working with a team member, shall construct a catch all.

#### **INSTRUCTIONS - procedures for achieving the objective**

Given a salvage cover, you and a partner will demonstrate the construction of a catch all. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

#### **PREPARATION & EQUIPMENT**

Salvage cover

PPE appropriate for the skill



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## INSTRUCTIONAL SKILLS

### SALVAGE FFI-10

Construction of a Catch All

Trainee: \_\_\_\_\_

Department: \_\_\_\_\_

Trainee, working with a team member, shall construct a catch all. (4.3.14)			
	POSSIBLE POINTS	TEST	RETEST
a. Fully spreads the cover out, removing most creases and wrinkles	1		
b. Rolls one long edge or side inwards about three (3) feet	1		
c. Rolls the opposite long edge or side inwards about three (3) feet	1		
d. Lays the ends (the four corners) of each "side roll" over at a 90 degree angle to form the basin corners	1		
e. Rolls one end into a tight roll down to and on top of the side rolls, forming a projected flap at each corner	1		
f. Tucks the projected flap up, into, and under the side rolls, locking the corners	1		
g. Rolls the remaining end into a tight roll down to and on top of the side rolls, forming a projected flap at each corner	1		
h. Tucks the projected flaps up, into, and under the side rolls, locking the corners	1		
i. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:		9	

Points needed to pass: 6

Evaluator/Candidate Comments:

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