



# 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

### SEARCH AND RESCUE FFI-1

Rescue of a Firefighter with Functioning Respiratory Protection

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

#### **NFPA 1001 4.3.9**

#### **REFERENCE**

Conduct a search and rescue in a structure operating as a member of a team, given an assignment, obscured vision conditions, personal protective equipment, a flashlight, forcible entry tools, hose lines, and ladders when necessary, so that ladders are correctly placed when used, all assigned areas are searched, all victims are located and removed, team integrity is maintained, and team members' safety, including respiratory protection, is not compromised. (4.3.9)

#### **OBJECTIVE**

Trainee, with a team member, shall rescue a downed firefighter with functioning respiratory protection.

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

You and a designated team member shall enter a perceived IDLH atmosphere and conduct search and rescue for a downed firefighter with functioning respiratory protection. 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**

Self-Contained Breathing Apparatus

PPE appropriate for the skill



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## INSTRUCTIONAL SKILLS

### SEARCH AND RESCUE FFI-1

Rescue of a Firefighter with Functioning Respiratory Protection

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

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

Trainee, with a team member, shall rescue a downed firefighter with functioning respiratory protection.  
(4.3.9)

	POSSIBLE POINTS	TEST	RETEST
a. Verbalizes that all areas will be assessed to determine tenability	1		
b. Searches for downed firefighter	1		
c. Locates downed firefighter	1		
d. Rescues a firefighter with functioning respiratory protection	1		
e. Respiratory protection is not compromised	1		
f. Communicates effectively with team member(s)	1		
g. Performs skill in a safe and proficient manner, per AHJ	1		
	<b>TOTAL POINTS:</b>	7	

**Points needed to pass: 5**

**Evaluator/Candidate Comments:**

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\_\_\_\_\_  
Instructor's Signature

\_\_\_\_\_  
Date



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## INSTRUCTIONAL SKILLS

### SEARCH AND RESCUE FFI-2

Rescue of a Firefighter with Non-Functioning Respiratory Protection

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

#### **NFPA 1001 4.3.9**

#### **REFERENCE**

Conduct a search and rescue in a structure operating as a member of a team, given an assignment, obscured vision conditions, personal protective equipment, a flashlight, forcible entry tools, hose lines, and ladders when necessary, so that ladders are correctly placed when used, all assigned areas are searched, all victims are located and removed, team integrity is maintained, and team members' safety, including respiratory protection, is not compromised. (4.3.9)

#### **OBJECTIVE**

Trainee, with a team member, shall rescue a downed firefighter with non- functioning respiratory protection.

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

You and a designated team member shall enter a perceived IDLH atmosphere and conduct search and rescue for a downed firefighter with non-functioning respiratory protection. 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**

Self-Contained Breathing Apparatus

PPE appropriate for the skill



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## INSTRUCTIONAL SKILLS

### SEARCH AND RESCUE FFI-2

Rescue of a Firefighter with Non-Functioning Respiratory Protection

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

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

Trainee, with a team member, shall rescue a downed firefighter with non-functioning respiratory protection. (4.3.9)

	POSSIBLE POINTS	TEST	RETEST
a. Verbalizes that all areas will be assessed to determine tenability	1		
b. Searches for downed firefighter	1		
c. Locates downed firefighter	1		
d. Rescues a firefighter with non-functioning respiratory protection	1		
e. Communicates effectively with team member(s)	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

### SEARCH AND RESCUE FFI-3

Conduct a Primary and Secondary Search

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

#### **NFPA 1001 4.3.9**

#### **REFERENCE**

Conduct a search and rescue in a structure operating as a member of a team, given an assignment, obscured vision conditions, personal protective equipment, a flashlight, forcible entry tools, hose lines, and ladders when necessary, so that ladders are correctly placed when used, all assigned areas are searched, all victims are located and removed, team integrity is maintained, and team members' safety, including respiratory protection, is not compromised. (4.3.9)

#### **OBJECTIVE**

The firefighter trainee and a designated team member shall enter a hostile environment and conduct a primary and secondary search for victim(s).

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

You and a designated team member shall enter a hostile environment and conduct a primary and secondary search for victim(s), both with and without a rope or hoseline. You will be required to both verbalize key steps and complete mandatory 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 of the identified steps. Do you understand these instructions?

#### **INSTRUCTOR NOTE**

The hostile atmosphere may be simulated with smoke or the mask may be blackened out.

#### **PREPARATION & EQUIPMENT**

1 - 50 ft. section of 1½" or 1¾" fire hose

1 - 50 ft. rope

Various forcible entry hand tools

Various objects to resemble furniture (or actual furniture) PPE appropriate for the skill



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## INSTRUCTIONAL SKILLS

### SEARCH AND RESCUE FFI-3

Conduct a Primary and Secondary Search

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

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

The firefighter trainee and a designated team member shall enter a hostile environment and conduct a primary and secondary search for victim(s). (4.3.9)

<b>With a rope or hose line:</b>	POSSIBLE POINTS	TEST	RETEST
a. Feels the door and verbalizes that the door must be checked for heat before entering	1		
b. Remains on hands or knees	1		
c. Starts search on outside wall and performs consistent turns (always to right or left)	1		
d. Completely searches one room before moving on to the next room	1		
e. Moves and/or searches behind, on, under all furniture	1		
f. Searches all closets and small crawl spaces	1		
g. After completing room search, marks door or leaves a sign that room has been searched	1		
h. Communicates well with partner	1		
i. Verbalizes that he or she should stop periodically to listen for sounds	1		
<b>TOTAL POINTS:</b>	9		

### Points needed to pass: 6

<b>Without a rope or hoseline:</b>	POSSIBLE POINTS	TEST	RETEST
a. Feels the door and verbalizes that the door must be checked for heat before entering	1		
b. Remains on hands or knees	1		
c. Starts search on outside wall and performs consistent turns (always to right or left)	1		
d. Completely searches one room before moving on to the next room	1		
e. Moves and/or searches behind, on, under all furniture	1		
f. Searches all closets and small crawl spaces	1		
g. After completing room search, marks door or leaves a sign that room has been searched	1		
h. Communicates well with partner	1		
i. Verbalizes that he or she should stop periodically to listen for sounds	1		
<b>TOTAL POINTS:</b>	9		

### Points needed to pass: 6

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## INSTRUCTIONAL SKILLS

Evaluator/Candidate Comments:

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## INSTRUCTIONAL SKILLS

### SEARCH AND RESCUE FFI-4

Removing Victims from Hazardous Environments

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

#### **NFPA 1001 4.3.9**

#### **REFERENCE**

Conduct a search and rescue in a structure operating as a member of a team, given an assignment, obscured vision conditions, personal protective equipment, a flashlight, forcible entry tools, hose lines, and ladders when necessary, so that ladders are correctly placed when used, all assigned areas are searched, all victims are located and removed, team integrity is maintained, and team members' safety, including respiratory protection, is not compromised. (4.3.9)

#### **OBJECTIVE**

Trainee shall demonstrate the techniques for removal of an injured person from a hazardous environment.

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

Given the proper equipment, and wearing full protective clothing, you shall demonstrate each of the carries, drags, and the use of a stretcher using approved procedures for removing an injured person from a hazardous atmosphere. You will begin on my instruction to start. Each skill will end when you have moved the victim 20 feet from the initial site, and you state to me that you have completed all the identified steps. For skills that require more than one-person, extra personnel will be provided. The extra team members cannot discuss or provide any information to the trainee. You will give all directions when the skills require more than one person. Do you understand these instructions?

#### **PREPARATION & EQUIPMENT**

Blanket

Bunker coat

Stretcher or backboard

Individual or rescue mannequin

SCBA, ladders, forcible entry tools, hose lines, flashlight PPE appropriate for the skill





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## INSTRUCTIONAL SKILLS

### SEARCH AND RESCUE FFI-4

#### Removing Victims from Hazardous Environments

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

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

Trainee shall demonstrate the techniques for removal of an injured person from a hazardous environment. (4.3.9)

Carry	POSSIBLE POINTS	TEST	RETEST
a. Stands at the patient's head and directs the other rescuer to patient's feet	1		
b. Slips his/her arms under the victim's arms and around the chest, grasping the wrists	1		
c. Directs the other rescuer to kneel between patient's legs and grasps under the knees	1		
d. Stands with other rescuer and carries the patient a minimum of 20 feet. (Trainee gives commands to stand)	1		
<b>TOTAL POINTS:</b>	<b>4</b>		

#### Points needed to pass: 3

Drag	POSSIBLE POINTS	TEST	RETEST
a. Kneels at the patient's head and grasps the patient's clothing near the shoulders	1		
b. Supports the patient's head between his/her arms	1		
c. Drags the patient a minimum of 20 feet from the initial site	1		
<b>TOTAL POINTS:</b>	<b>3</b>		

#### Points needed to pass: 2

Stretcher	POSSIBLE POINTS	TEST	RETEST
a. Takes control of patient care and gives clear, concise orders when moving the patient	1		
b. Properly moves patient to stretcher	1		
c. Lifts and directs others to lift with leg muscles only (not bent over)	1		
d. Carries the patient successfully a minimum of 20 feet	1		
e. Completes skill in allotted time	1		
<b>TOTAL POINTS:</b>	<b>5</b>		

#### Points needed to pass: 4



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## INSTRUCTIONAL SKILLS

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