



# **State Firemen's and Fire Marshals' Association of Texas**

Texas Volunteer Firefighters' and Fire Marshals' Certification Board

PO Box 1409 ♦ Manchaca, Texas 78652-1409 ♦ 512.453.1876 (fax)

www.sffma.org ♦ 512.454.3473 (phone)

## **INSTRUCTIONAL SKILLS**

### **COMMUNICATION #3**

Receiving an Alarm

**Subject: Fire Department Communications**  
**NFPA 1001 5.2.2**

**Section 101**  
**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee shall explain the procedures for receiving an alarm from the fire department dispatcher or a report of an emergency from the public and demonstrate appropriate action.

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

Given a call from a dispatcher, or an emergency from the public, you will explain the procedures for receiving an alarm from the dispatcher by verbalizing how the alarm is received. Then, when given a simulated alarm, you will verbally explain the appropriate actions for recording and acknowledging the alarm. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

#### **EXAMINERS NOTE**

The trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

Dispatched call (may be simulated) paper and pencil



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: COMMUNICATION #3

Receiving an Alarm

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

\_\_\_\_\_

The firefighter trainee shall explain the procedures for receiving an alarm from the fire department dispatcher or a report of an emergency from the public and demonstrate appropriate action.

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. <i>Verbalizes how the alarm is received</i>	1		
b. Records the type of incident	1		
c. Records the incident address	1		
d. Acknowledges the alarm	1		
e. Records the responding equipment	1		
<b>TOTAL POINTS:</b>	<b>5</b>		

**Points needed to pass: 3**

**Evaluator/Candidate Comments:**

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\_\_\_\_\_  
Certifying Examiner

\_\_\_\_\_  
Date

\_\_\_\_\_  
Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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## **INSTRUCTIONAL SKILLS**

### **COMMUNICATION #4**

Receiving a Business or Personal Telephone Call

**Subject: Fire Department Communications**  
**NFPA 1001 5.2.2**

**Section 101**  
**Firefighter I**

#### **OBJECTIVE**

Receive a telephone call, given a fire department phone, so that procedures for answering the phone are used and the caller's information is relayed.

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

Given a fire department business phone and equipment for recording information, you will verbally explain the procedures for receiving a business telephone call on the fire department phone. Then, you will demonstrate the procedures by receiving a simulated telephone call. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

#### **EXAMINERS NOTE**

The trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

Dispatched call (may be simulated)

Non-testing personnel to place the simulated call

Equipment used for recording this information as determined by the authority having jurisdiction, (examples: paper and pencil, dry erase board, etc.)



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: COMMUNICATION #4

Receiving a Business or Personal Telephone Call

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

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Test Site: \_\_\_\_\_

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The firefighter trainee shall verbally explain the procedures for receiving a business telephone call on the fire department phone. Then, the firefighter trainee shall demonstrate the procedure by receiving a simulated telephone call.

	POSSIBLE POINTS	TEST	RETEST
The Candidate:			
a. Verbalizes a correct explanation of the procedures	1		
b. Answers the call promptly and courteously	1		
c. Demonstrates good verbal skills for telephone communications (pleasant, correct volume and tone)	1		
d. Has no "open line" or extended time on hold for caller	1		
e. Posts or delivers message promptly to intended recipient	1		
f. Terminates the call courteously	1		
g. Message is accurate and complete	1		
h. Followed correct procedures	1		
<b>TOTAL POINTS:</b>	<b>8</b>		

**Points needed to pass: 6**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

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Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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## **INSTRUCTIONAL SKILLS**

### **FORCIBLE ENTRY #1**

Identify, Carry, and Use the Correct Tool(s)

**Subject: Fireground Operations**

**NFPA 1001 5.3.4**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee, given a selection of forcible entry tools, shall select, identify, and carry the correct tool(s) as it applies to the individual performance skills listed below. The trainee shall simulate the correct method of opening any of the following doors, windows, walls, and partitions. The trainee will be required to verbalize key points while simulating the individual performance skills. The trainee will be scored on three performance skills.

#### **INSTRUCTIONS: Procedures for achieving the objectives**

Given a selection of forcible entry tools, you shall select, identify, and safely carry the correct tool(s) as it applies to the individual performance skills listed below. You shall simulate the correct method of opening any of the following doors, windows, walls, and partitions. **You will be required to verbalize the key points while simulating the individual steps.** You will be scored on three performance skills. 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?

#### **EXAMINERS NOTE:**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT:**

Pry bar Halligan tool Pick-head axe Flat-head axe Pike pole

Hydraulic extrication tool

K-tool

The firefighter trainee shall accomplish the skills wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, gloves, coat, trousers, boots, and SCBA.



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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: FORCIBLE ENTRY #1**

Identify, Carry, and Use the Correct Tool(s)

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

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The firefighter trainee, given a selection of forcible entry tools, shall select, identify, and carry the correct tool(s) as it applies to the individual performance skills listed below. The trainee shall simulate the correct method of opening any of the following doors, windows, walls, and partitions. The trainee will be required to verbalize key points while simulating the individual performance skills. The trainee will be scored on three performance skills.

<b>Tool #1 (Doors that open toward the firefighter)</b>	POSSIBLE POINTS	TEST	RETEST
a. Correctly verbalizes the type of door	1		
b. Selects the proper tool(s)	1		
c. Inserts the blade of the tool between the door and jamb near the lock	1		
d. Forces the blade in and against the rabbet or stop	1		
e. Pries the tool bar away from the door to move the door and jamb apart	1		
f. Pulls or pries the door open with another tool until the lock clears the keeper	1		
<b>Tool #2 (Doors that open away from the firefighter where stops are used)</b>			
a. Correctly verbalizes the type of door	1		
b. Selects the proper forcible entry tool(s)	1		
c. Bumps the cutting edge of the tool against the stop to break the paint or varnish.	1		
d. Loosens the stop at the lock or removes the lock completely	1		
e. Forces the blade between the door and jamb	1		
f. Makes initial pry after blade is inserted at least half way	1		
g. With full bite, pries the door away from the jamb	1		
<b>Tool #3 (Doors that open away from the firefighter and have a rabbet jamb)</b>			
a. Correctly verbalizes the type of door	1		
b. Selects the proper forcible entry tool(s)	1		
c. Places the blade of the tool flat against the door and inserts the blade (or tool edge) between the rabbet and the door	1		
d. Makes short pries with the first tool to spread the jamb	1		
e. Works the blade of the second tool between the door and the jamb, hammering the blade well into the opening	1		



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: FORCIBLE ENTRY #1

Identify, Carry, and Use the Correct Tool(s)

f. Pries the door away from the jamb until the bolt passes the keeper	1		
<b>Tool #4 (Door opened through the lock)</b>			
a. Identifies the type of lock	1		
b. Selects the correct tool (K-tool) to open the lock	1		
c. Forces the K-tool into the correct position	1		
d. Inserts the prying tool into the metal loop of the K- tool	1		
e. Pries the cylinder from the door (using the K-tool as a fulcrum)	1		
f. Inserts the key into the hold made by the removed cylinder	1		
g. Operates the locking bolt by manipulating/rotating to the open position	1		
<b>Tool #5 (Sliding Door)</b>			
a. Chooses the correct tool(s)	1		
b. Inserts the blade between the jamb and the door at the lock	1		
c. Pries the door away from the jamb	1		
d. Verbalizes if the patio door is locked or blocked with a bar, the firefighter trainee should try another entrance or break the glass	1		
<b>Tool #6 (Overhead Door)</b>			
a. Chooses the correct tool(s)	1		
b. Locates the lock	1		
c. If possible, breaks the panel and reaches in to unlock the door or pulls the manual door release on a garage door opener	1		
d. Pries up on the door at the bottom	1		
e. Once the door is raised, blocks the door open	1		
<b>For All Tools</b>			
a. Uses all tools safely	1		
<b>TOTAL POINTS:</b>	<b>36</b>		

**Points needed to pass: 26**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
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### **INSTRUCTIONAL SKILLS**

#### **FORCIBLE ENTRY #2**

Identify, Carry, and Use the Correct Tool(s)

**Subject: Fireground Operations**

**NFPA 1001 5.3.4**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee, given a selection of forcible entry tools, shall select, identify, and carry the correct tool(s) as it applies to the individual performance skills listed below. The trainee shall simulate the correct method of opening any of the following doors, windows, walls, and partitions. The trainee will be required to verbalize key points while simulating the individual performance skills. The trainee will be scored on three performance skills.

#### **INSTRUCTIONS: Procedures for achieving the objectives**

Given a selection of forcible entry tools, you shall select, identify, and safely carry the correct tool(s) as it applies to the individual performance skills listed below. You shall simulate the correct method of opening any of the following doors, windows, walls, and partitions. **You will be required to verbalize the key points while simulating the individual steps.** You will be scored on three performance skills. 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?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

Pry bar Halligan tool Pick-head axe Flat-head axe Pike pole

Hydraulic extrication tool

K-tool

The firefighter trainee shall accomplish the skills wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, gloves, coat, trousers, boots, and SCBA.





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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: FORCIBLE ENTRY #2**

Identify, Carry, and Use the Correct Tool(s)

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

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The firefighter trainee, given a selection of forcible entry tools, shall select, identify, and carry the correct tool(s) as it applies to the individual performance skills listed below. The trainee shall simulate the correct method of opening any of the following doors, windows, walls, and partitions. The trainee will be required to verbalize key points while simulating the individual performance skills. The trainee will be scored on three performance skills.

	POSSIBLE POINTS	TEST	RETEST
<b>Checkrail Windows</b>			
a. Chooses the correct tool(s)	1		
b. Locates the locking device	1		
c. Pries up on the lower sash from the center	1		
d. If this fails or the window is of metal construction, breaks the glass to unlock window	1		
<b>Casement Windows</b>			
a. Chooses the correct tool(s)	1		
b. Breaks the lowest pane of glass	1		
c. Cuts or forces the screen	1		
d. Unlocks the window	1		
f. Operates the crank(s)	1		
f. Completely removes the screen	1		
<b>Projected Windows</b>			
a. Chooses the correct tool(s)	1		
b. Breaks the lowest pane of glass	1		
c. Unlocks the window	1		
d. Operates the crank(s)	1		
<b>Awning or Jalousie Windows</b>			
a. Chooses the correct tool(s)	1		
b. Removes the necessary slats of glass to gain entry	1		
c. Verbalizes another opening should be located, if possible	1		
<b>All Windows</b>			
a. Carries and uses all tools safely	1		
<b>TOTAL POINTS:</b>	<b>18</b>		



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## **INSTRUCTIONAL SKILLS**

### **FIREFIGHTER I: FORCIBLE ENTRY #2**

Identify, Carry, and Use the Correct Tool(s)

Points needed to pass: 13

Evaluator/Candidate Comments:

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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### **INSTRUCTIONAL SKILLS**

#### **FORCIBLE ENTRY #3**

Identify, Carry, and Use the Correct Tool(s)

**Subject: Fireground Operations**

**NFPA 1001 5.3.4**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee, given a selection of forcible entry tools, shall select, identify, and carry the correct tool(s) as it applies to the individual performance skills listed below. The trainee shall simulate the correct method of opening any of the following doors, windows, walls, and partitions. The trainee will be required to verbalize key points while simulating the individual performance skills. The trainee will be scored on three performance skills.

#### **INSTRUCTIONS: Procedures for achieving the objectives**

Given a selection of forcible entry tools, you shall select, identify, and safely carry the correct tool(s) as it applies to the individual performance skills listed below. You shall simulate the correct method of opening any of the following doors, windows, walls, and partitions. **You will be required to verbalize the key points while simulating the individual steps.** You will be scored on three performance skills. 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?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

Pry bar Halligan tool Pick-head axe Flat-head axe Pike pole

Hydraulic extrication tool

K-tool

The firefighter trainee shall accomplish the skills wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, gloves, coat, trousers, boots, and SCBA.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: FORCIBLE ENTRY #3

Identify, Carry, and Use the Correct Tool(s)

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

\_\_\_\_\_

The firefighter trainee, given a selection of forcible entry tools, shall select, identify, and carry the correct tool(s) as it applies to the individual performance skills listed below. The trainee shall simulate the correct method of opening any of the following doors, windows, walls, and partitions. The trainee will be required to verbalize key points while simulating the individual performance skills. The trainee will be scored on three performance skills.

	POSSIBLE POINTS	TEST	RETEST
<b>Masonry Walls</b>			
a. Chooses the correct tool(s)	1		
b. Correctly uses the forcible entry tool	1		
<b>Metal Walls</b>			
a. Chooses the correct tool(s)	1		
d. Sounds for studs	1		
e. Cuts along studs or other supports	1		
f. Watches for electrical wiring and pipes in the walls	1		
g. After cuts are made, folds the metal back out of the way	1		
<b>Wood Frame Walls</b>			
a. Chooses the correct tool(s)	1		
b. Removes siding	1		
c. Sounds for studs	1		
d. Watches for electrical wiring and pipes in the walls	1		
e. Cuts along studs	1		
<b>Partition Walls</b>			
a. Chooses the correct tool(s)	1		
b. Opens the partition as to the type of materials above	1		
<b>For All Walls</b>			
a. Carries and uses all tools safely	1		
<b>TOTAL POINTS:</b>	<b>15</b>		



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## **INSTRUCTIONAL SKILLS**

### **FIREFIGHTER I: FORCIBLE ENTRY #3**

Identify, Carry, and Use the Correct Tool(s)

Points needed to pass: **11**

Evaluator/Candidate Comments:

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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## **INSTRUCTIONAL SKILLS**

### **FIRE PROTECTION SYSTEMS #3**

Locating the Main Control Valve

**Subject: Fireground Operations**

**NFPA 1001 5.3.14**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee shall locate the Main Control Valve on a sprinkler system and correctly identify the position of the valve. The trainee shall close the valve fully, and then re-open the valve fully. The trainee shall verbalize special conditions for the valve when placing the system in service.

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

You shall locate the Main Control Valve on a sprinkler system. You will then correctly identify and verbalize the position of the valve to the evaluator. You shall fully close the valve, then fully re-open the valve. After operating the valve, you shall verbalize special conditions for the valve when placing the system in service. You will begin on my instruction to start. The skill will end when you state to me that you have completed all of the above identified steps. Do you understand these instructions?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

An indicating control valve for a sprinkler system



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: FIRE PROTECTION SYSTEMS #3

Locating the Main Control Valve

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

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The firefighter trainee shall locate the Main Control Valve on a sprinkler system and correctly identify the position of the valve. The trainee shall close the valve fully, and then re-open the valve fully. The trainee shall verbalize special conditions for the valve when placing the system in service.

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Locates the main control valve	1		
b. Verbally identifies the type of control valve	1		
c. Verbalizes the position of the valve (open or closed)	1		
d. Completely closes the control valve	1		
e. Re-opens the control valve completely	1		
f. Verbally indicates that valve should be locked in the open position	1		
<b>TOTAL POINTS:</b>	<b>6</b>		

**Points needed to pass: 5**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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### **INSTRUCTIONAL SKILLS**

#### **FIRE PROTECTION SYSTEMS #5**

Stopping the Flow of Water from a Sprinkler Head and  
Identifying Type and Temperature Classification

**Subject: Fireground Operations**

**NFPA 1001 5.3.14**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee shall demonstrate the proper procedure for stopping the flow of water from a sprinkler head using a sprinkler stop or wedge. The trainee shall identify the style of sprinkler head, temperature rating, and the conditions at which the control valve may be closed.

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

While wearing full protective clothing, you shall demonstrate the proper procedure for stopping the flow of water from a sprinkler head using a sprinkler stop or wedge. You shall identify and verbalize to the evaluator the style of sprinkler head, temperature rating, and the conditions at which the system control valve may be closed. 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?

#### **EXAMINERS NOTE:**

The firefighter trainee will not be allowed to review the performance steps at the time of testing. A mock-up for the objective can be created by using a section of pipe with one sprinkler head connected and supplied by a garden hose.

#### **PREPARATION & EQUIPMENT**

Sprinkler system or mock-up  
Open sprinkler head  
Replacement sprinkler head  
Wood wedges or commercially made stopper

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, gloves, coat, trousers, boots and SCBA.





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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: FIRE PROTECTION SYSTEMS #5**

Stopping the Flow of Water from a Sprinkler Head and  
Identifying Type and Temperature Classification

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

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Test Site: \_\_\_\_\_

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The firefighter trainee shall demonstrate the proper procedure for stopping the flow of water from a sprinkler head using a sprinkler stop or wedge. The trainee shall identify the style of sprinkler head, temperature rating, and the conditions at which the control valve may be closed.

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Inserts the sprinkler stop(s) without complication	1		
b. Adequately stops the flow of water	1		
c. Verbally identifies that the sprinkler head is either upright or pendant style	1		
d. Given a sprinkler head, verbally identifies the temperature classification	1		
e. Verbally states the control valve is not to be closed unless directed by the Chief or officer in charge	1		
<b>TOTAL POINTS:</b>	<b>5</b>		

**Points needed to pass: 4**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

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Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



# **State Firemen's and Fire Marshals' Association of Texas**

Texas Volunteer Firefighters' and Fire Marshals' Certification Board

PO Box 1409 ♦ Manchaca, Texas 78652-1409 ♦ 512.453.1876 (fax)

www.sffma.org ♦ 512.454.3473 (phone)

## **INSTRUCTIONAL SKILLS**

### **HOSE #1**

Single Line Extension and Nozzle Operation

**Subject: Fireground Operations**

**NFPA 1001 5.3.7, 5.3.10**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee shall demonstrate the proper method of converting and extending a charged 2½" or 3" line into one 1½" or 1¾" attack line and shall operate a nozzle. The trainee shall accomplish the skill in 5 minutes or less.

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

While wearing full protective clothing and a Self-Contained Breathing Apparatus (SCBA), you shall demonstrate the proper method of converting and extending a charged hose line into a smaller attack line. You shall demonstrate the open and closed nozzle positions and any stream adjustments that are characteristic of the nozzle. You will have 5 minutes to complete this skill. 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?

#### **EXAMINER NOTE**

All extra equipment to perform this evolution shall be placed 5 feet from the coupling of the section to be extended. The extra hose shall be rolled with the female coupling exposed. The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

2½" nozzle

1½" adjustable nozzle

100 feet of 1½" or 1¾" hose

50 feet of 2½" or 3" hose Spanner Wrenches Gated Wye

Siamese or similar hose appliance

Hose Clamp

Hydrant or fire truck can be used for water supply

**FIREFIGHTERS"** to include helmet, coat, trousers, boots, gloves and SCBA. Firefighter trainee will not don face piece or hood.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: HOSE #1

Single Line Extension and Nozzle Operation

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

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School: \_\_\_\_\_

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Test Site: \_\_\_\_\_

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The firefighter trainee shall demonstrate the proper method of converting and extending a charged 2½" or 3" line into one 1½" or 1¾" attack line and shall operate a nozzle. The trainee shall accomplish the skill in 5 minutes or less.

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Locates gated wye, Siamese or similar appliance	1		
b. Locates attack nozzle	1		
c. Brings 50 feet of 1½" or 1¾" hose to 2½" nozzle	1		
d. Applies hose clamp correctly at approximately 3 – 5 feet behind 2½" nozzle and opens nozzle	1		
e. Removes 2½" nozzle, attaches appliance and attaches 50 feet of 1½" or 1¾" hose	1		
f. Extends attack line out and attaches nozzle	1		
g. When coupling and uncoupling, uses an approved method	1		
h. Slowly releases hose clamp while standing to the side	1		
i. Slowly opens appliance	1		
j. Opens nozzle	1		
k. Demonstrates all stream adjustments characteristic of the nozzle	1		
l. Slowly closes nozzle	1		
m. Completes skill in allotted time	1		
<b>TOTAL POINTS:</b>	<b>13</b>		

**Points needed to pass: 10**



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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: HOSE #1**

Single Line Extension and Nozzle Operation

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

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Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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### **INSTRUCTIONAL SKILLS**

#### **HOSE #2**

Demonstrate Proper Connection of Different Size Couplings and Use of Hose Adapters

**Subject: Fireground Operations**

**NFPA 1001 5.3.10**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee, using two sections of fire hose of different diameters, shall demonstrate connecting the female ends of the hose together using an approved coupling method. The trainee shall accomplish the skill in 1½ minutes or less.

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

While wearing full protective clothing and a Self-Contained Breathing Apparatus (SCBA), you shall demonstrate connecting the female ends of two sections of fire hose of different diameters using an approved coupling method. You will have a maximum time limit to complete this skill of 1½ minutes. 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?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

50 feet of 1½" or 1¾" fire hose

50 feet of 2½" or 3" fire hose

Reducer 2½" to 1½" Double male coupling Double female coupling

Assorted hose adapters and appliances

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, gloves, coat, trousers, boots, and SCBA. Gloves shall be optional. Firefighter trainee will not don face piece or hood.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: HOSE #2

Demonstrate Proper Connection of Different Size Couplings and Use of Hose Adapters

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

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School: \_\_\_\_\_

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Test Site: \_\_\_\_\_

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The firefighter trainee, using two sections of fire hose of different diameters, shall demonstrate connecting the female ends of the hose together using an approved coupling method. The trainee shall accomplish the skill in 1½ minutes or less.

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Selects appropriate adapters	1		
b. Makes adaptations, adds connections using approved techniques	1		
c. Completes skill in allotted time	1		
TOTAL POINTS:		3	

**Points needed to pass: 3**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Re-Test Certifying Examiner

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Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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### **INSTRUCTIONAL SKILLS**

#### **HOSE #3**

Procedure for Connecting Hose to a Standpipe

**Subject: Fireground Operations**

**NFPA 1001 5.3.10**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee, while wearing full protective clothing and a Self-Contained Breathing Apparatus (SCBA), and given a standpipe connection and the proper equipment, shall demonstrate carrying the hose into the building using proper techniques. The trainee shall accomplish the skill in 5 minutes or less.

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

While wearing full protective clothing and a SCBA, you shall demonstrate the proper method of carrying hose into a building, connecting it to a standpipe, and advancing the hose to its entire length. You shall complete the mandatory steps while performing this skill. You have 5 minutes to complete 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?

#### **EXAMINERS NOTE**

A designated point will be determined by the staff examiner based on the testing site configuration. The staff examiner will designate the fire floor. The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

Appropriate hose adapters

100 feet of 1 ½" hose or larger Standpipe connection or equivalent Spanner wrenches

Nozzle

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, gloves, coat, trousers, boots, and SCBA. Firefighter trainee will not don face piece.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: HOSE #3

Procedure for Connecting Hose to a Standpipe

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

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School: \_\_\_\_\_

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Test Site: \_\_\_\_\_

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The firefighter trainee, while wearing full protective clothing and a Self-Contained Breathing Apparatus (SCBA), and given a standpipe connection and the proper equipment, shall demonstrate carrying the hose into the building using proper techniques. The trainee shall accomplish the skill in 5 minutes or less.

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Arranges hose and nozzle in an effective manner for deployment	1		
b. Obtains all necessary equipment (a spanner wrench, adapters, etc.)	1		
c. Advances the hose into the structure without hesitation	1		
d. Uncaps discharge and hooks hose up to a standpipe	1		
e. Advances the hose line to a designated point	1		
f. Completes skill in allotted time	1		
<b>TOTAL POINTS:</b>	<b>6</b>		

**Points needed to pass: 5**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

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Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>





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### **INSTRUCTIONAL SKILLS**

#### **HOSE #4**

Replacing Burst Section of Hose

**Subject: Fireground Operations**

**NFPA 1001 5.3.10**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee shall demonstrate the proper method of replacing a burst section of 2 ½" or 3" hose line. The trainee shall accomplish the skill in 6 minutes.

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

While wearing full protective clothing and a Self-Contained Breathing Apparatus (SCBA), you shall demonstrate the proper method of replacing a burst section of 2½" or 3" hose line. You shall complete the mandatory steps while performing this skill. You have 6 minutes to complete 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?

#### **EXAMINERS NOTE**

All extra equipment to perform this evolution shall be placed 5 feet from the coupling of the section to be replaced. The extra hose shall be rolled with the female coupling exposed. The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

300 feet of 2 ½" or 3" hose

Appropriate nozzle for hose size Hose clamp

Spanner wrench set

Hydrant or fire apparatus can be used for water supply.

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, gloves, coat, trousers, boots, and SCBA. Firefighter trainee will not don face piece.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: HOSE #4

Replacing Burst Section of Hose

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

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Test Site: \_\_\_\_\_

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The firefighter trainee shall demonstrate the proper method of replacing a burst section of 2½" or 3" hose line. The trainee shall accomplish the skill in 6 minutes.

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Applies a hose clamp approximately 3 to 5 feet behind coupling of damaged section	1		
b. Brings two additional sections of hose	1		
c. Replaces one defective section with two additional lengths	1		
d. Extends hose, avoiding kinks and damage to coupling	1		
e. Slowly releases hose clamp while standing to the side	1		
f. Completes skill in allotted time	1		
<b>TOTAL POINTS:</b>	<b>6</b>		

**Points needed to pass: 5**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

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Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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### **INSTRUCTIONAL SKILLS**

#### **HOSE #7**

Hoisting an Uncharged 2½" or 3" Hose Line to an Upper Landing

**Subject: Fireground Operations**

**NFPA 1001 5.3.10**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee, given the necessary equipment and assistance, shall demonstrate hoisting an uncharged 2½" or 3" hose line to an upper landing. The trainee shall then advance an uncharged 1½" or 1¾" hose line into a structure and up or down an interior stairway.

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

You shall demonstrate the proper method of hoisting an uncharged 2½" or 3" hose line to a second floor. You shall then advance an uncharged 1½" or 1¾" hose line into a structure and up or down an interior stairway. 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?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

3 sections of 2 ½" or 3" hose

2 sections of 1 ½" or 1 ¾" hose

Rope

Appropriate nozzle(s) for each hose line

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, gloves, coat, trousers, boots and SCBA.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: HOSE #7

Hoisting an Uncharged 2½" or 3" Hose Line to an Upper Landing

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

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The firefighter trainee, given the necessary equipment and assistance, shall demonstrate hoisting an uncharged 2½" or 3" hose line to an upper landing. The trainee shall then advance an uncharged 1½" or 1¾" hose line into a structure and up or down an interior stairway.

<b>Hoisting an uncharged hose line (2 ½ - 3 inch):</b>	POSSIBLE POINTS	TEST	RETEST
a. Arranges necessary equipment in an organized manner	1		
b. Safely hoists uncharged hose line to the roof or upper landing	1		
c. Keeps rope and hitches next to building with nozzle away from the building	1		
d. Raises hose and nozzle effectively and efficiently	1		
<b>Uncharged hose line inside structure (1 ½ - 1 ¾ inch):</b>			
a. Effectively advances hose line with partner to door	1		
b. Arranges necessary equipment in an organized manner	1		
c. Safely advances uncharged line to a second floor landing	1		
d. Feels the door with back of hand	1		
e. Bleeds air out of line before entering door	1		
f. Sets nozzle pattern before entering door	1		
g. Stays low while entering doorway	1		
h. Advances hose up a stairway, preventing kinks or complications, then advances hose back down stairway	1		
<b>TOTAL POINTS:</b>	<b>12</b>		

**Points needed to pass: 9**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

\_\_\_\_\_  
Date

<b>Overall Skill Sheet Score</b>	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
<b>Overall Skill Sheet Re-Test Score</b>	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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### **INSTRUCTIONAL SKILLS**

#### **HOSE #8**

Advance a Charged Attack Line up the Ladder and Operate the Nozzle from the Ladder

**Subject: Fireground Operations**

**NFPA 1001 5.3.10**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee, given a 24 foot extension ladder in place, with full protective clothing and working with another team member, shall advance a charged attack line 1 ½ inch or larger up the ladder and operate the nozzle from the ladder.

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

Given a 24 foot extension ladder in place and working with another team member, you shall advance a charged 1½ inch attack line or larger up the ladder to a minimum height of 14 feet (or 2nd floor landing). You shall operate the nozzle from the ladder only after it is secured in place and you are secured on the ladder with a leg lock. 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?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **SAFETY NOTE**

Additional firefighters shall be utilized to heel the ladder and advance the hose as necessary.

#### **PREPARATION & EQUIPMENT**

24 foot extension ladder

1 ½" or 2 ½" hose

1 ½" or 2 ½" nozzle

Rope or hose strap

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, gloves, coat, trousers, boots, and SCBA. Trainee shall not don face piece.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: HOSE #8

Advance a Charged Attack Line up the Ladder and Operate the Nozzle from the Ladder

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

\_\_\_\_\_

The firefighter trainee, given a 24 foot extension ladder in place, with full protective clothing and working with another team member, shall advance a charged attack line 1½ inch or larger up the ladder and operate the nozzle from the ladder

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Is positioned on the ladder with a leg lock on the opposite side from the nozzle or uses a life safety belt	1		
b. Has the other firefighter push the charged hose line up the ladder to him	1		
c. Projects the nozzle through the ladder rungs	1		
d. Secures the nozzle and hose with a rope or rope hose tool	1		
e. Opens the nozzle and flows water in a controlled manner	1		
f. Conducts the exercise in a safe and efficient way	1		
<b>TOTAL POINTS:</b>	<b>6</b>		

**Points needed to pass: 5**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

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Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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### **INSTRUCTIONAL SKILLS**

#### **HOSE #11**

Coupling and Uncoupling Two Lengths of Fire Hose

**Subject: Fireground Operations**

**NFPA 1001 5.3.10**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee shall demonstrate the proper method of coupling and uncoupling two lengths of fire hose using the following methods: (1) Knee-press, (2) Stiff arm, (3) Spanner wrench. A second person will assist with the stiff arm method.

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

You shall demonstrate the proper method of coupling and uncoupling two lengths of fire hose using the following methods: (1) Knee-press, (2) Stiff arm, (3) Spanner wrench. You will have a second person for the stiff arm method. 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?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

2 lengths of 1 ½" or larger hose

Spanner wrench set

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, gloves, coat, trousers, boots, and SCBA. Trainee shall not don face piece.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: HOSE #11

Coupling and Uncoupling Two Lengths of Fire Hose

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

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Test Site: \_\_\_\_\_

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The firefighter trainee shall demonstrate the proper method of coupling and uncoupling two lengths of fire hose using the following methods: (1) Knee-press, (2) Stiff arm, (3) Spanner wrench. A second person will assist with the stiff arm method.

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Demonstrates the knee-press method	1		
b. Demonstrates the stiff arm (two person) method	1		
c. Demonstrates the spanner wrench method	1		
<b>TOTAL POINTS:</b>	<b>3</b>		

**Points needed to pass: 3**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

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Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>





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### **INSTRUCTIONAL SKILLS**

#### **HOSE #12**

Performing Two Types of Hose Carries

**Subject: Fireground Operations**

**NFPA 1001 5.3.10**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee shall demonstrate the proper method of performing two types of hose carries: the accordion shoulder carry and the single section shoulder loop carry.

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

You shall demonstrate the proper method of performing two types of hose carries, the accordion shoulder carry and the single section shoulder loop carry. You shall pick up the entire length of hose, then carry it a minimum of 20 feet. 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?

#### **EXAMINERS NOTE**

The hose shall be laid straight out. The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

1 - 50 foot section of 2 ½" or 3" hose

The firefighter trainee shall accomplish the skill wearing helmet, gloves, trousers, and boots.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: HOSE #12

Performing Two Types of Hose Carries

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

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School: \_\_\_\_\_

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Test Site: \_\_\_\_\_

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The firefighter trainee shall demonstrate the proper method of performing two types of hose carries: the accordion shoulder carry and the single section shoulder loop carry.

	POSSIBLE POINTS	TEST	RETEST
<b>Accordion Shoulder Carry:</b>			
a. Grasps either of the two couplings and places it over the shoulder with the coupling behind the body at approximately waist height	1		
b. Holds the hose in front of the body and, while walking slowly forward, forms a loop that hangs approximately at knee height in front of the body	1		
c. While walking, guides the hose back over the same shoulder to form a loop that hangs at approximately knee height behind the body	1		
d. Walks slowly down the hose, forming alternate loops in front of and behind the body until the entire hose is picked up	1		
e. Carries the hose at least 20 feet in a controlled manner	1		
<b>Single Section Shoulder Loop Carry:</b>			
a. Places one end of the hose over the shoulder so that the coupling hangs at approximately waist height	1		
b. Steps forward to form an approximate 3-foot loop on the ground behind, then picks up the hose at the closest point	1		
c. Raises the loop and lays it over the shoulder without twisting or turning it over (expect loop to have a half-twist) and adjusts the loop so that the bottom is approximately mid-calf	1		
d. Picks up entire length of hose and carries it at least 20 feet in a controlled manner	1		
<b>TOTAL POINTS:</b>	<b>9</b>		

**Points needed to pass: 7**



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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: HOSE #12**

Performing Two Types of Hose Carries

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

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Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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## **INSTRUCTIONAL SKILLS**

### **HOSE #13**

Loading Three Types of Hose Loads

**Subject: Prevention, Preparedness, and Maintenance**  
**NFPA 1001 5.5.2**

**Section 101**  
**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee, working with another team member, shall properly demonstrate loading three types of hose loads:

1. Accordion
2. Horseshoe
3. Flat

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

Working with another team member, you shall properly demonstrate loading three types of hose loads:

1. Accordion
2. Horseshoe
3. Flat

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?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

2 sections of 2½" or larger hose

The firefighter trainee shall accomplish the skill wearing gloves.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: HOSE #13

Loading Three Types of Hose Loads

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

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School: \_\_\_\_\_

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Test Site: \_\_\_\_\_

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The firefighter trainee, working with another team member, shall properly demonstrate loading three types of hose loads: accordion, horseshoe and flat.

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Demonstrates the accordion hose load	1		
b. Demonstrates the horseshoe hose load	1		
c. Demonstrates the flat hose load	1		
<b>TOTAL POINTS:</b>	<b>3</b>		

**Points needed to pass: 3**

**Evaluator/Candidate Comments:**

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Re-Test Certifying Examiner

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Overall Skill Sheet Score	
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Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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### **INSTRUCTIONAL SKILLS**

#### **HOSE #14**

Advancing Charged and Uncharged Attack Lines

**Subject: Fireground Operations**

**NFPA 1001 5.3.7, 5.3.10, 5.3.13**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee, given the necessary equipment and assistance, shall demonstrate advancing both charged and uncharged attack lines of two different sizes, 1½" or larger, from a pumper both up and down an outside stairway.

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

You shall demonstrate the proper method of advancing both charged and uncharged attack lines of two different sizes up an outside stairway to a second floor, then down an outside stairway to the lower floor. 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?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

Pumper

3 sections of 1 ½" and 1 ¾" hose

Rope

Appropriate nozzle(s) for each hose line

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, gloves, coat, trousers, boots and SCBA.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: HOSE #14

Advancing Charged and Uncharged Attack Lines

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

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School: \_\_\_\_\_

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Test Site: \_\_\_\_\_

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The firefighter trainee, given the necessary equipment and assistance, shall demonstrate advancing both charged and uncharged attack lines of two different sizes, 1½" or larger, from a pumper both up and down an outside stairway.

	POSSIBLE POINTS	TEST	RETEST
<b>1 ½ inch charged line:</b>			
a. Effectively advances hose line with partner to the stairs	1		
b. Arranges necessary equipment in an organized manner	1		
c. Safely advances charged line to the second floor landing	1		
d. Feels the door with back of hand	1		
e. Bleeds air out of line before entering door	1		
f. Sets nozzle pattern before entering door	1		
g. Stays low while entering the doorway	1		
h. Advances hose down a stairway while preventing kinks or complications	1		
<b>1 ¾ inch charged line:</b>			
a. Effectively advances hose line with partner to the stairs	1		
b. Arranges necessary equipment in an organized manner	1		
c. Safely advances charged line to the second floor landing	1		
d. Feels the door with back of hand	1		
e. Bleeds air out of line before entering door	1		
f. Sets nozzle pattern before entering door	1		
g. Stays low while entering the doorway	1		
h. Advances hose down a stairway while preventing kinks or complications	1		
<b>1 ½ inch uncharged line:</b>			
a. Effectively advances hose line with partner to the stairs	1		
b. Arranges necessary equipment in an organized manner	1		
c. Safely advances uncharged line to the second floor landing	1		
d. Feels the door with back of hand	1		
e. Bleeds air out of line before entering door	1		
f. Sets nozzle pattern before entering door	1		
g. Stays low while entering the doorway	1		
h. Advances hose down a stairway while preventing kinks or complications	1		



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: HOSE #14

Advancing Charged and Uncharged Attack Lines

	POSSIBLE POINTS	TEST	RETEST
<b>1 ¾ inch uncharged line:</b>			
a. Effectively advances hose line with partner to the stairs	1		
b. Arranges necessary equipment in an organized manner	1		
c. Safely advances uncharged line to the second floor landing	1		
d. Feels the door with back of hand	1		
e. Bleeds air out of line before entering door	1		
f. Sets nozzle pattern before entering door	1		
g. Stays low while entering the doorway	1		
h. Advances hose down a stairway while preventing kinks or complications	1		
<b>TOTAL POINTS:</b>	<b>32</b>		

**Points needed to pass: 23**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Re-Test Certifying Examiner

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Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>





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## **INSTRUCTIONAL SKILLS**

### **HOSE #15**

Hand Laying Supply Line

**Subject: Fireground Operations**  
**NFPA 1001 5.3.15**

**Section 101**  
**Firefighter I**

#### **OBJECTIVE**

Connect a fire department pumper to a water supply as a member of a team, given supply or intake hose, hose tools, and a fire hydrant or static water source, so that connections are tight and water flow is unobstructed. (NFPA 1001, 5.3.15)

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

Given the proper equipment as a member of a team, you shall demonstrate the proper method of hand laying a given size and length of supply line from a pumper to a water source. You will be evaluated on your individual performance. You will begin on my instruction to start. The skill will end when the final performing team member states to me that all of the identified steps have been completed. Do you understand these instructions?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

Pumper

Sufficient amount of supply hose

Water source

Necessary adapters and tools

The firefighter trainee shall accomplish the skill wearing appropriate PPE.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: HOSE #15

Hand Laying Supply Line

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

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School: \_\_\_\_\_

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Test Site: \_\_\_\_\_

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Connect a fire department pumper to a water supply as a member of a team, given supply or intake hose, hose tools, and a fire hydrant or static water source, so that connections are tight and water flow is unobstructed. (NFPA 1001, 5.3.15)			
<b>Firefighter #1</b>	POSSIBLE POINTS	TEST	RETEST
a. The ability to hand lay a supply hose	1		
b. Make hydrant-to-pumper hose connections for forward and reverse lays	1		
<b>Firefighter #2</b>			
a. Positions at the tailboard facing the direction of travel	1		
b. Brings the hose from behind back so that the rear fold ends at the back of the knee	1		
c. Continues to make knee-high folds until the appropriate amount of hose is loaded	1		
d. Hold the hose to prevent it from slipping off the shoulder	1		
e. Moves forward approximately 15 feet (5 meters)	1		
f. Advance the hose with firefighter #3 toward the water source while flaking hose off the shoulder	1		
g. Uses adapters and tools to connect hose to the water supply	1		
<b>Firefighter #3</b>			
a. Positions at the tailboard facing the direction of travel	1		
b. Loads hose onto the shoulder in the same manner as FF#2, making knee-high folds until the appropriate amount of hose is loaded	1		
c. Advance the hose with firefighter #2 toward the water source while flaking hose off the shoulder	1		
<b>TOTAL POINTS:</b>	<b>12</b>		

**Points needed to pass: 9**



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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: HOSE #15**

Hand Laying Supply Line

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Re-Test Certifying Examiner

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Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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### **INSTRUCTIONAL SKILLS**

#### **HOSE #16**

Inspecting for Damage, Cleaning, and Maintenance of Hose, Couplings, and Nozzles

**Subject: Prevention, Preparedness, and Maintenance**  
**NFPA 1001 5.5.2**

**Section 101**  
**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee shall demonstrate the procedures for cleaning, maintaining, and inspecting for damaged fire hose, couplings, and nozzles.

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

You shall demonstrate the procedures for cleaning, maintaining, and inspecting for damage on: 1) fire hose, 2) nozzles, 3) hose couplings. 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 of the identified steps. Do you understand these instructions?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

1½ inch or larger fire hose

1½ inch or larger nozzle

The firefighter trainee shall accomplish the skill wearing helmet and boots.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: HOSE #16

Inspecting for Damage, Cleaning, and Maintenance of Hose, Couplings, and Nozzles

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

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School: \_\_\_\_\_

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Test Site: \_\_\_\_\_

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The firefighter trainee shall demonstrate the procedures for cleaning, maintaining, and inspecting for damaged fire hose, couplings, and nozzles.			
<b>Nozzle</b>	POSSIBLE POINTS	TEST	RETEST
a. Checks nozzle bail or handle for function by moving it to the "OPEN" and "CLOSED" positions	1		
b. Checks the gallonage setting for function by moving it to all of the various gallonage settings	1		
c. Checks the fog rotating ring for function by rotating it	1		
d. Checks the nozzle pattern adjustment for function by moving it to all the different settings	1		
e. Checks nozzle gasket for defects, age, and ability to return to normal shape by pinching the gasket between the thumb and index fingers	1		
<b>Fire hose</b>			
a. Checks the expansion ring at both ends of the hose for burrs, looseness, or damage	1		
b. Checks inner liner of hose, at both hose couplings, for signs of cracks, age, or defects and marks defective hose per department SOP	1		
c. Checks outer hose jacket for signs of damage (thermal, mold, mildew, or chemical)	1		
d. <i>Verbalizes how to operate hose washing and drying equipment and that hose should be tested annually</i>	1		
<b>Couplings</b>			
a. Checks male coupling for damage (chips, burrs, out-of- roundness)	1		
b. Checks male coupling for tightness and proper mounting on hose	1		
c. Checks female coupling for function and freedom of movement	1		
d. Checks female coupling for shape and out-of- roundness	1		
e. Checks female coupling for tightness and proper mounting on hose	1		



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: HOSE #16

Inspecting for Damage, Cleaning, and Maintenance of Hose, Couplings, and Nozzles

f. Checks female coupling gasket for defects, age, and ability to return to normal shape by pinching gasket between thumb and index finger and replaces gaskets as needed	1		
<b>TOTAL POINTS:</b>	<b>15</b>		

**Points needed to pass: 11**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Re-Test Certifying Examiner

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Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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## **INSTRUCTIONAL SKILLS**

### **LADDERS #1**

Inspection and Maintenance Procedures of Ladders

**Subject: Prevention, Preparedness, and Maintenance**

**NFPA 1001 5.5.1**

**Firefighter I**

#### **OBJECTIVE**

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.

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

You will explain and demonstrate the proper techniques for the inspection and maintenance of ladders. You have 5 minutes to complete 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?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

Extension ladder



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: LADDERS #1

Inspection and Maintenance Procedures of Ladders

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

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School: \_\_\_\_\_

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Test Site: \_\_\_\_\_

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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. (5.5.1)

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Checks for signs of physical damage (cracks, splintering, warping, discoloration, bending, dents, etc.)	1		
b. Tests rungs for tightness by twisting them	1		
c. Checks for bent beams and rungs	1		
d. Checks halyard for frays, cuts or bunching	1		
e. Checks halyard for snugness and freedom of movement	1		
f. Checks for free-turning pulleys	1		
g. Checks heat sensor for signs of heat exposure	1		
h. Checks dogs or pawls for freedom of movement and operation	1		
i. Checks condition of guides and free movement of fly sections	1		
j. Checks rivets, welds, and bolted connections for tightness and defects	1		
k. Checks for any unusual wear	1		
l. Checks ladder for cleanliness	1		
m. <i>Verbally states that ladders should be inspected monthly and after each use</i>	1		
n. Completes skill in allotted time	1		
<b>TOTAL POINTS:</b>	<b>14</b>		

**Points needed to pass: 10**





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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: LADDERS #1**

Inspection and Maintenance Procedures of Ladders

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Re-Test Certifying Examiner

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Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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## **INSTRUCTIONAL SKILLS**

### **LADDERS #2**

Working off Ground Ladder with Tools

**Subject: Fireground Operations**

**NFPA 1001 5.3.11, 5.3.12**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee, without a life safety belt, shall demonstrate the techniques of working from a ground ladder with a fire fighting axe. The trainee shall accomplish the skill in 2 minutes or less.

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

Given a designated ladder, you shall demonstrate the techniques of working off a ground ladder with a fire fighting axe. You are required to climb to a height of approximately 8 feet. Prior to climbing, you shall check for proper angle of inclination. After reaching the appropriate height, you shall apply a leg lock and demonstrate working by making four (4) simulated chops with the axe. You have 2 minutes to complete 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?

#### **EXAMINER NOTE**

Time will begin when the firefighter trainee begins to check angle of inclination. Time will stop when the firefighter trainee makes four simulated chops with the axe. Unlocking and descending the ladder is not a part of the skill and is not to be timed. The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

1 14 ft. ladder (or greater)

1 fire fighting axe

**SAFETY NOTE:** No heel person will be used. The ladder shall be tied off top and bottom.

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, gloves, coat, trousers, boots, and SCBA. Firefighter trainee will not don face piece.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: LADDERS #2

Working off Ground Ladder with Tools

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

\_\_\_\_\_

The firefighter trainee, without a life safety belt, shall demonstrate the techniques of working from a ground ladder with a fire fighting axe. The trainee shall accomplish the skill in 2 minutes or less.

Ladders #2	POSSIBLE POINTS	TEST	RETEST
a. Checks the ladder for proper climbing angle	1		
b. Climbs the ladder smoothly with an axe in one hand and the other hand sliding underneath the beam	1		
c. Secures the body to the ladder utilizing a proper leg lock method	1		
d. Appears stable while making at least four simulated chops with the axe	1		
e. Completes skill in allotted time	1		
<b>TOTAL POINTS:</b>	<b>5</b>		

**Points needed to pass: 4**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Re-Test Certifying Examiner

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Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



# **State Firemen's and Fire Marshals' Association of Texas**

Texas Volunteer Firefighters' and Fire Marshals' Certification Board

PO Box 1409 ♦ Manchaca, Texas 78652-1409 ♦ 512.453.1876 (fax)

www.sffma.org ♦ 512.454.3473 (phone)

## **INSTRUCTIONAL SKILLS**

### **LADDERS #3**

Low Shoulder Carry, Right Angle Raise of a 14 Foot Single Ladder

**Subject: Fireground Operations**

**NFPA 1001 5.3.6**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee shall demonstrate the proper procedures to carry, position, and raise a 14 foot single or wall ladder using a low shoulder carry, right angle raise. Starting 100 feet from a designated structure, the trainee shall pick up, carry, and raise a 14 foot ladder to a single story roof or its equivalent. The trainee shall verbalize to the evaluator each step identified in bold print as it is performed. The skill shall be performed in 1½ minutes or less.

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

Using a low shoulder carry, you will pick up and carry a 14 foot ladder 100 feet to a designated structure. Using a right angle raise, you will raise the ladder to a single story roof or its equivalent. You shall verbalize the mandatory steps while performing this skill. You will begin on my instruction to start. You have 1½ minutes to complete this skill. The skill will end when you indicate that the ladder is suitable for climbing. Do you understand these instructions?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

14 foot single ladder

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, gloves, coat, trousers, boots, and SCBA. Firefighter trainee will not don face piece.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: LADDERS #3

Low Shoulder Carry, Right Angle Raise of a 14 Foot Single Ladder

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

\_\_\_\_\_

The firefighter trainee shall demonstrate the proper procedures to carry, position, and raise a 14 foot single or wall ladder using a low shoulder carry, right angle raise. Starting 100 feet from a designated structure, the trainee shall pick up, carry, and raise a 14 foot ladder to a single story roof or its equivalent.

The trainee shall verbalize to the evaluator each step identified in bold print as it is performed. The skill shall be performed in 1½ minutes or less.

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Standing next to the ladder, lifts and carries the ladder to the structure using the low shoulder method with the ladder butt to the front and slightly lowered	1		
b. Checks for obstructions, verbalizes that the area is clear of overhead obstructions, and then places butt in proper position. (The verbalization must be performed prior to raising the ladder.)	1		
c. Makes a proper right angle raise	1		
d. While maintaining control of the ladder, pivots the ladder, if necessary, and lowers the ladder into place	1		
e. Checks for proper angle of inclination and verbally indicates that the ladder is suitable for climbing	1		
f. Completes the skill in time allotted	1		
<b>TOTAL POINTS:</b>	<b>6</b>		

**Points needed to pass: 5**



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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: LADDERS #3**

Low Shoulder Carry, Right Angle Raise of a 14 Foot Single Ladder

**Evaluator/Candidate Comments:**

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\_\_\_\_\_  
Certifying Examiner

\_\_\_\_\_  
Date

\_\_\_\_\_  
Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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## **INSTRUCTIONAL SKILLS**

### **LADDERS # 4**

Two-Firefighter Low Shoulder Carry, Right Angle Flat Raise of a 24 Foot Extension Ladder

**Subject: Fireground Operations**

**NFPA 1001 5.3.6**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee, operating as a member of a team, shall demonstrate the proper procedures for a two firefighter pick up, Low Shoulder Carry, Right Angle Flat Raise of a 24 foot Extension Ladder. The skill shall be performed in 3 minutes or less.

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

Using a two firefighter low shoulder carry, you and a designated person will pick up and carry a 24 foot extension ladder 100 feet to a designated structure. You will raise the ladder to a two story window or its equivalent. You will be positioned at the butt end of ladder for this evaluation. You shall verbalize the mandatory steps while performing this skill. When you have reached your destination, you and your team member will raise the ladder using the Right Angle Flat Raise. You will only communicate with the other team member to assure the ladder is properly carried, raised, and extended. You have a maximum time limit to complete this skill of 3 minutes. You will begin on my instructions to start. Time will end when you verbally state that the ladder is suitable for climbing. Do you understand these instructions?

#### **EXAMINERS NOTE:**

Instruct the firefighter trainee where the ladder is to be placed and indicate the intended use: climbing, rescue, or ventilation. **Ladder placement and intended use shall be the same for all examinees.** The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

24 ft. extension ladder

Drill tower or equivalent

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, gloves, coat, trousers, boots, and SCBA. **Firefighter trainee will not don face piece or hood.**



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: LADDERS # 4

Two-Firefighter Low Shoulder Carry, Right Angle Flat Raise of a 24 Foot Extension Ladder

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

\_\_\_\_\_

The firefighter trainee, operating as a member of a team, shall demonstrate the proper procedures for a two firefighter pick up, Low Shoulder Carry, Right Angle Flat Raise of a 24 foot Extension Ladder. The skill shall be performed in 3 minutes or less.

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Standing next to the ladder at the butt end, gives a command to shoulder the ladder	1		
b. Places hand over the butt spur, checks for and verbalizes the area is clear of overhead obstructions on approach to the building, spots the ladder, and places the butt of both beams on the ground. (The verbalization must be performed prior to raising the ladder.)	1		
c. Utilizes designated raise	1		
d. Heels the ladder by standing on the bottom rung and verbalizes a command to raise the ladder	1		
e. Faces the other team member and pivots the ladder, if necessary, to set the fly out (or as stated in manufacturer's recommendation). The trainee extends the fly to the proper distance and engages the pawls	1		
f. After lowering the ladder into place, the trainee checks for proper climbing angle and fly extension, and adequate structural support at tip	1		
g. Ties off the halyard to a rung in a manner that will prevent the fly from slipping and that will prevent anyone from tripping while climbing, and assists the other team member. The trainee verbalizes that the ladder is suitable for climbing. Time stops at this point.	1		
<b>TOTAL POINTS:</b>	<b>7</b>		

**Points needed to pass: 5**





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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: LADDERS # 4**

Two-Firefighter Low Shoulder Carry, Right Angle Flat Raise of a 24 Foot Extension Ladder

**Evaluator/Candidate Comments:**

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\_\_\_\_\_  
Certifying Examiner

\_\_\_\_\_  
Date

\_\_\_\_\_  
Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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## **INSTRUCTIONAL SKILLS**

### **LADDERS #5**

Two-Firefighter Low Shoulder Carry, Right Angle Beam Raise of a 24 Foot Extension Ladder

**Subject: Fireground Operations**

**NFPA 1001 5.3.6**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee, operating as a member of a team, shall demonstrate the proper procedures for a two firefighter pick up, Low Shoulder Carry, Right Angle Beam Raise of a 24 foot Extension Ladder. You will have 3 minutes to complete this skill.

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

Using a two firefighter low shoulder carry, you and a designated person will pick up and carry a 24 foot extension ladder 100 feet to a designated structure. You will raise the ladder to a two story window or its equivalent. You will be positioned at the butt of the ladder for the evaluation. You shall verbalize the mandatory steps while performing this skill. When you have reached your destination, you and your team member will raise the ladder using a right angle beam raise. You will only communicate with the other team member to assure the ladder is properly carried, raised, and extended. You have 3 minutes to complete this skill. The time will begin on my instruction to start. Time will stop when you verbally state that the ladder is suitable for climbing. Do you understand these instructions?

#### **EXAMINERS NOTE:**

Instruct the firefighter trainee where the ladder is to be placed and indicate the intended use: climbing, rescue, or ventilation. **Ladder placement and intended use shall be the same for all examinees.** The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

24 ft. extension ladder

Drill tower or equivalent

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, gloves, coat, trousers, boots, and SCBA. **Firefighter trainee will not don face piece or hood.**



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: LADDERS #5

Two-Firefighter Low Shoulder Carry, Right Angle Beam Raise of a 24 Foot Extension Ladder

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

\_\_\_\_\_

The firefighter trainee, operating as a member of a team, shall demonstrate the proper procedures for a two firefighter pick up, Low Shoulder Carry, Right Angle Beam Raise of a 24 foot Extension Ladder. You will have 3 minutes to complete this skill.

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Standing next to the ladder at the butt end, gives a command to shoulder the ladder	1		
b. Places hand over the butt spur, checks for obstructions and verbalizes the area is clear of overhead obstructions. On approach to the building, spots the ladder and places butt of one beam on the ground. (The verbalization must be performed prior to raising the ladder.)	1		
c. Utilizes designated raise	1		
d. Heels the ladder and gives a command to raise the ladder	1		
e. Faces the other team member and pivots the ladder to set the fly out (or as stated in the manufacturer's recommendation. The trainee extends the fly to the proper distance and engages the pawls.	1		
f. After lowering the ladder into place, the trainee checks for proper climbing angle and fly extension, and adequate structural support at tip	1		
g. The trainee shall tie off the halyard to a rung in a manner that will prevent the fly from slipping and that will prevent anyone from tripping while climbing. Verbalizes that the ladder is suitable for climbing. <b>Time stops at this point.</b>	1		
h. Completes the skill in the time allotted	1		
<b>TOTAL POINTS:</b>	<b>8</b>		

**Points needed to pass: 6**



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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: LADDERS #5**

Two-Firefighter Low Shoulder Carry, Right Angle Beam Raise of a 24 Foot Extension Ladder

**Evaluator/Candidate Comments:**

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\_\_\_\_\_  
Certifying Examiner

\_\_\_\_\_  
Date

\_\_\_\_\_  
Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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## **INSTRUCTIONAL SKILLS**

### **LADDERS #6**

Two Firefighter Low-shoulder Carry, Flat Parallel Raise of a 24 Foot Extension Ladder

**Subject: Fireground Operations**

**NFPA 1001 5.3.6**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee, operating as a team member, shall demonstrate the proper two firefighter pick-up for a Low Shoulder Carry, Flat Parallel Raise of a 24 foot Extension ladder. The firefighter trainee shall perform all the identified steps in less than 3 minutes.

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

Using a two firefighter low shoulder carry, you and a designated person will pick up and carry a 24 foot extension ladder 100 feet to a designated structure. You will raise the ladder to a two story window or its equivalent. You will be positioned at the butt end of ladder for this evaluation. You shall verbalize the mandatory steps while performing this skill. When you have reached your destination, you and your team member will raise the ladder using the Right Angle Flat Raise. You will only communicate with the other team member to assure the ladder is properly carried, raised, and extended. You have a maximum time limit to complete this skill of 3 minutes. You will begin on my instructions to start. Time will end when you verbally state that the ladder is suitable for climbing. Do you understand these instructions?

#### **EXAMINERS NOTE:**

Instruct the firefighter trainee where the ladder is to be placed and indicate the intended use: climbing, rescue, or ventilation. **Ladder placement and intended use shall be the same for all examinees.** The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

24 ft. extension ladder,

Drill tower, ladder wall, or equivalent

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, gloves, coat, trousers, boots, and SCBA. **Firefighter trainee will not don face piece or hood.**



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: LADDERS #6

Two Firefighter Low-shoulder Carry, Flat Parallel Raise of a 24 Foot Extension Ladder

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

\_\_\_\_\_

The firefighter trainee, operating as a team member, shall demonstrate the proper two firefighter pick-up for a Low Shoulder Carry, Flat Parallel Raise of a 24 foot Extension ladder. The firefighter trainee shall perform all the identified steps in less than 3 minutes.

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Stands next to the ladder at the butt, gives a command to shoulder the ladder. Both individuals, as they stand, will use leg muscles to lift the ladder.	1		
b. Places hand over butt spur, checks for obstructions and verbalizes that area is clear of obstructions. On approach to building, spots the ladder, places the butt on the ground and turns the ladder flat. (The verbalization must be performed prior to raising the ladder.)	1		
c. Utilizes designated raise	1		
d. Heels the ladder by standing on the bottom rung, crouches down to grasp a convenient rung or the beams with both hands, leans back and gives a command to raise the ladder	1		
e. Faces the other member and pivots the ladder to set the fly out (or as stated in the manufacturer's recommendation). The trainee extends the fly to the proper distance and engages pawls	1		
f. After lowering the ladder into place, the trainee checks for proper climbing angle and fly extension, and adequate structural support at tip	1		
g. Ties off the halyard to a run in a manner that will prevent the fly from slipping and that will prevent anyone from tripping while climbing, and assists the other team member. Verbalizes that the ladder is suitable for climbing. <b>Time stops at this point.</b>	1		
h. Completes the skill in the time allotted	1		
<b>TOTAL POINTS:</b>	<b>8</b>		

**Points needed to pass: 6**



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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: LADDERS #6**

Two Firefighter Low-shoulder Carry, Flat Parallel Raise of a 24 Foot Extension Ladder

**Evaluator/Candidate Comments:**

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\_\_\_\_\_  
Certifying Examiner

\_\_\_\_\_  
Date

\_\_\_\_\_  
Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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### **INSTRUCTIONAL SKILLS**

#### **LADDERS #7**

Carry, Hoist, and Secure a Roof Ladder

**Subject: Fireground Operations**

**NFPA 1001 5.3.6**

**Firefighter I**

#### **OBJECTIVE**

Given an existing raised extension ladder, the firefighter trainee shall carry, hoist, and secure a roof ladder on a structure with a pitched roof.

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

Given an existing raised extension ladder, you shall carry, hoist, and secure a roof ladder onto a structure with a pitched roof. 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?

#### **EXAMINERS NOTE:**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

1- 14 ft. roof ladder

1- 24 ft. or 35 ft. extension ladder

Pitched roof

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, gloves, coat, trousers, boots and SCBA.





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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: LADDERS #7

Carry, Hoist, and Secure a Roof Ladder

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

\_\_\_\_\_

Given an existing raised extension ladder, the firefighter trainee shall carry, hoist, and secure a roof ladder on a structure with a pitched roof.

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Carries the roof ladder, tip first, to the ladder placed at the structure	1		
b. Sets the roof ladder on the ground near the ladder to be ascended and opens the hooks	1		
c. Tilts the roof ladder up so that it rests against the other ladder, with the hooks facing outward	1		
d. Climbs the main ladder until his/her shoulder is about two rungs above midpoint of the roof ladder	1		
e. Reaches through the rungs of the roof ladder and hoists it onto his/her shoulder	1		
f. Climbs to the top of the ladder, and uses a leg lock or life safety harness to lock into the ladder	1		
g. Takes the roof ladder off the shoulder	1		
h. Uses a hand over hand method to push the ladder onto the roof with the hooks in the down position	1		
i. Pushes the roof ladder up the roof until the hooks go over the edge of the peak	1		
j. Pulls the ladder back down so the hooks catch solidly over the peak	1		
<b>TOTAL POINTS:</b>	<b>10</b>		

**Points needed to pass: 7**



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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: LADDERS #7**

Carry, Hoist, and Secure a Roof Ladder

**Evaluator/Candidate Comments:**

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\_\_\_\_\_  
Certifying Examiner

\_\_\_\_\_  
Date

\_\_\_\_\_  
Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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### **INSTRUCTIONAL SKILLS**

#### **LADDERS #8**

Ladder Climbing Technique While Transporting Tools and Equipment

**Subject: Fireground Operations**

**NFPA 1001 5.3.10, 5.3.12**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee shall demonstrate and describe proper ladder climbing technique while transporting tools and equipment.

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

Given a designated ladder, you shall demonstrate proper climbing with a fire fighting tool. You are required to climb the entire length of the ladder smoothly and rhythmically after ensuring that the ladder is at the proper angle of inclination. You will be required to complete the 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?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

1-14 foot ladder

1-24 foot ladder

1-35 foot ladder

1-Axe

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, gloves, coat, trousers, boots, and SCBA.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: LADDERS #8

Ladder Climbing Technique While Transporting Tools and Equipment

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

\_\_\_\_\_

The firefighter trainee shall demonstrate and describe proper ladder climbing technique while transporting tools and equipment.

	POSSIBLE POINTS	TEST	RETEST
<b>Single Ladder:</b>			
a. With the ladder in place, checks proper climbing angle and ensures the ladder is secure	1		
b. Climbs the ladder with the axe in one hand and the other hand slides underneath the beam	1		
c. Keeps arms straight with body away from the ladder	1		
d. Uses leg muscles and does not pull with arms	1		
e. Climbs smoothly and rhythmically	1		
f. Ascends and descends the entire length of the ladder	1		
<b>Extension ladder:</b>			
a. With the ladder in place, checks proper climbing angle and ensures the ladder is secure	1		
b. Checks the locks to verify they are seated over the rungs and the halyard is tied securely	1		
c. Climbs the ladder with the axe in one hand and the other hand underneath the beam	1		
d. Keeps arms straight with body away from the ladder	1		
e. Uses leg muscles and does not pull with arms	1		
f. Climbs smoothly and rhythmically	1		
g. Ascends and descends the entire length of the ladder	1		
<b>TOTAL POINTS:</b>	<b>13</b>		

**Points needed to pass: 10**



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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: LADDERS #8**

Ladder Climbing Technique While Transporting Tools and Equipment

**Evaluator/Candidate Comments:**

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\_\_\_\_\_  
Certifying Examiner

\_\_\_\_\_  
Date

\_\_\_\_\_  
Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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## **INSTRUCTIONAL SKILLS**

### **LADDERS #9**

Techniques of Cleaning Ladders

**Subject: Prevention, Preparedness, and Maintenance**  
**NFPA 1001 5. 5.1**

**Section 101**  
**Firefighter I**

#### **OBJECTIVE**

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.

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

You will verbally explain and demonstrate the proper technique of cleaning fire service ladders. You shall verbalize each step as it is being performed. 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?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

1 24 ft. or 35 ft. extension ladder

Soapy water

1 brush

Waterproof grease



# State Firemen's and Fire Marshals' Association of Texas

Texas Volunteer Firefighters' and Fire Marshals' Certification Board

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www.sffma.org ♦ 512.454.3473 (phone)

## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: LADDERS #9

Techniques of Cleaning Ladders

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

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School: \_\_\_\_\_

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Test Site: \_\_\_\_\_

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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. (5.5.1)

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Thoroughly removes dirt from ladder with soapy water and a brush	1		
b. Examines all braces, slides, stop locks, halyards, rivets, pulleys, and moveable parts	1		
c. Checks lubrication of moveable parts	1		
d. Makes notation of any loose parts, cracks, dry rot, or unusual wear.	1		
e. Thoroughly dries the ladder and lubricates with waterproof grease	1		
<b>TOTAL POINTS:</b>	<b>5</b>		

**Points needed to pass: 4**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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## **INSTRUCTIONAL SKILLS**

### **LADDERS #10**

3- Firefighter Flat Shoulder Carry, Right Angle Flat Raise of a 35 foot Extension Ladder

**Subject: Fireground Operations**

**NFPA 1001 5.3.6, 5.3.12**

**Firefighter I**

#### **OBJECTIVE**

Starting 100 feet from a designated two or more story structure, the firefighter trainee and the designated team members shall pick up, carry, and raise a 35 foot extension ladder to a third story window or its equivalent using a three firefighter flat shoulder carry, right angle flat raise. The trainee shall verbalize to the evaluator each step identified in bold print as it is performed. The trainee may only receive communication from the designated persons (team members) to ensure the ladder is properly carried, raised, and extended. The skill shall be performed in 3 minutes or less.

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

Using a three firefighter flat shoulder carry, you and designated persons will pick up a 35 foot extension ladder and carry it 100 feet to a designated structure. Using a right angle flat raise, you will raise the ladder to a three story window or its equivalent. You will be required to verbalize key steps and complete the mandatory steps while performing this skill. You and your team members will raise the ladder without laying the ladder on the ground. You will be required to set the ladder with at least three rungs inside the third story window or its equivalent. You will be positioned at the butt end of the ladder for this evaluation. You will only communicate with the other team members to assure the ladder is properly carried, raised, and extended. You will have a maximum time limit to complete this skill of 3 minutes. Time will start on my instructions to start. Time will end when you state that the ladder is suitable for climbing. Do you understand these instructions?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

35 ft. extension ladder

Two or more story structure or equivalent

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, gloves, coat, trousers, boots and SCBA. Firefighter trainee will not don face piece.





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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: LADDERS #10**

3- Firefighter Flat Shoulder Carry, Right Angle Flat Raise of a 35 foot Extension Ladder

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

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Starting 100 feet from a designated two or more story structure, the firefighter trainee and the designated team members shall pick up, carry, and raise a 35 foot extension ladder to a third story window or its equivalent using a three firefighter flat shoulder carry, right angle flat raise. The trainee shall verbalize to the evaluator each step identified in bold print as it is performed. The trainee may only receive communication from the designated persons (team members) to ensure the ladder is properly carried, raised, and extended. The skill shall be performed in 3 minutes or less.

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Positions firefighters: Two kneel on one side of ladder, one at either end, facing tip. The third kneels on opposite side at midpoint, also facing the tip.	1		
b. Kneeling next to the ladder at the butt end, gives a command to shoulder the ladder. All individuals stand, using leg muscles to lift the ladder. Carries the ladder 100 feet in a controlled manner.	1		
c. Places hand over butt spur, checks for obstructions on the approach to building, verbalizes the area is clear of overhead obstructions, spots the ladder, places butt of both beams on the ground. The verbalization must be performed prior to raising.	1		
d. Utilizes designated raise.	1		
e. The trainee being evaluated heels the ladder by standing on the bottom rung and gives a command to raise the ladder, crouches down to grasp either a convenient rung or the beams with both hands and leans back to help raise ladder.	1		
f. Faces the other team members and pivots ladder to set fly out (or as manufacturer's recommendation), trainee extends the fly, engages pawls.	1		
g. The trainee being evaluated ties off the halyard to a rung in a manner that will prevent the fly from slipping and that will prevent anyone from tripping while climbing, and assists other team members with lowering ladder into place.	1		
h. Checks for proper climbing angle and fly extension. Verbalizes that the ladder is suitable for climbing. Time stops at this point.	1		



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: LADDERS #10

3- Firefighter Flat Shoulder Carry, Right Angle Flat Raise of a 35 foot Extension Ladder

i. Accomplishes all steps in time allotted.	1		
TOTAL POINTS:	9		

**Points needed to pass: 7**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

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Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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## **INSTRUCTIONAL SKILLS**

### **LADDERS #11**

Carry a Folding/Attic Ladder

**Subject: Fireground Operations**

**NFPA 1001 5.3.6, 5.3.12**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee shall demonstrate the proper procedures to carry, position, raise, and lower a folding/attic ladder. Starting 100 feet from a designated structure, the trainee shall pick up, carry, and raise a folding/attic ladder to an interior ceiling opening or its equivalent. The trainee shall verbalize to the evaluator each step identified in bold print as it is performed. The skill shall be performed in 1½ minutes or less.

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

You will pick up and carry a folding/attic ladder 100 feet to a designated structure. You will raise the ladder to an interior ceiling opening or its equivalent. You will be required to verbalize and complete mandatory steps while performing this skill. You will begin on my instruction to start. The skill will end when you indicate that the ladder is suitable for climbing. You will have a maximum time limit to complete this skill of 1½ minutes. Do you understand these instructions?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

folding/attic ladder

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, gloves, coat, trousers, boots, and SCBA. Firefighter trainee will not don face piece.



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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: LADDERS #11**

Carry a Folding/Attic Ladder

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

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The firefighter trainee shall demonstrate the proper procedures to carry, position, raise, and lower a folding/attic ladder. Starting 100 feet from a designated structure, the trainee shall pick up, carry, and raise a folding/attic ladder to an interior ceiling opening or its equivalent. The trainee shall verbalize to the evaluator each step identified in bold print as it is performed. The skill shall be performed in 1½ minutes or less.

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Standing next to the ladder, lifts and carries the ladder in the closed position, tip forward	1		
b. Carries the ladder to the interior ceiling opening or its equivalent	1		
c. Checks for obstructions, verbalizes that the area is clear of overhead obstructions, and then places butt in proper position. (The verbalization must be performed prior to raising the ladder.)	1		
d. While maintaining control of the ladder, pivots the ladder, if necessary, and lowers the ladder into place	1		
e. Checks for proper angle of inclination and verbally indicates that the ladder is suitable for climbing	1		
f. Completes the skill in the allotted time	1		
<b>TOTAL POINTS:</b>	<b>6</b>		

**Points needed to pass: 5**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

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Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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### **INSTRUCTIONAL SKILLS**

#### **LADDERS #13**

Ladder Climbing Technique While Assisting a Person

**Subject: Fireground Operations**

**NFPA 1001 5.3.9**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee shall demonstrate and describe proper ladder climbing technique while assisting a person with a simulated injury.

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

Given a designated ladder and a team member, you shall demonstrate proper climbing technique while assisting a person with a simulated injury down the ladder. You are required to climb the entire length of the ladder smoothly and rhythmically after ensuring that the ladder is at the proper angle of inclination. 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?

#### **EXAMINER'S NOTE:**

The team member is to assist moving the injured person from the building window to the ladder only. The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

1-14 foot ladder

1-24 foot ladder

1-35 foot ladder

1-Person (for simulated injured)

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, gloves, coat, trousers, boots, and SCBA.



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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: LADDERS #13**

Ladder Climbing Technique While Assisting a Person

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

\_\_\_\_\_

The firefighter trainee shall demonstrate and describe proper ladder climbing technique while assisting a person with a simulated injury.

	POSSIBLE POINTS	TEST	RETEST
<b>Single Ladder:</b>			
a. With the ladder in place, checks proper climbing angle and ensures the ladder is secure	1		
b. soon as the person is on the ladder, the firefighter's arms are placed under the armpits of the person and a knee is placed between the person's legs for support	1		
c. Climbs smoothly and rhythmically	1		
d. Ascends and descends the entire length of the ladder	1		
<b>Extension ladder:</b>			
a. With the ladder in place, checks proper climbing angle and ensures the ladder is secure	1		
b. Checks the locks to verify they are seated over the rungs and the halyard is tied securely	1		
c. As soon as the person is on the ladder, the firefighter's arms are placed under the armpits of the person and a knee is placed between the person's legs for support	1		
d. Climbs smoothly and rhythmically	1		
e. Ascends and descends the entire length of the ladder	1		
<b>TOTAL POINTS:</b>	<b>9</b>		

**Points needed to pass: 7**



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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: LADDERS #13**

Ladder Climbing Technique While Assisting a Person

**Evaluator/Candidate Comments:**

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\_\_\_\_\_  
Certifying Examiner

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Date

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Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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### **INSTRUCTIONAL SKILLS**

#### **RESCUE #1**

Conduct a Primary and Secondary Search

**Subject: Fireground Operations**

**NFPA 1001 5.3.5, 5.3.9**

**Firefighter I**

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?

#### **EXAMINERS NOTE**

The hostile atmosphere may be simulated with smoke or the mask may be blackened out. The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **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)

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, gloves, coat, trousers, boots and SCBA.





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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: RESCUE #1

Conduct a Primary and Secondary Search

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

\_\_\_\_\_

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

<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>Without a rope or hoseline:</b>			
a. Feels the door and verbalizes that the door must be checked for heat before entering	1		
b. 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>	<b>18</b>		

**Points needed to pass: 13**



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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: RESCUE #1**

Conduct a Primary and Secondary Search

**Evaluator/Candidate Comments:**

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\_\_\_\_\_  
Certifying Examiner

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Date

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Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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## **INSTRUCTIONAL SKILLS**

### **RESCUE #4**

Removing Victims from Hazardous Environments

**Subject: Fireground Operations**

**NFPA 1001 5.3.9**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee, while wearing full protective clothing and given proper equipment, shall demonstrate the proper technique for removal of an injured person from a hazardous environment. The firefighter trainee will demonstrate the techniques of packaging a victim for emergency transportation. The trainee shall accomplish the skill in 9 minutes or less.

#### **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 accomplish this skill in 9 minutes. You shall complete the mandatory steps while performing this skill. 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 of the identified steps. Time will end when you have completed all three skills. 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?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

Blanket

Bunker coat

Stretcher or backboard

Individual or rescue mannequin

SCBA, ladders, forcible entry tools, hose lines, flashlight

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, coat, boots, hood, gloves, and trousers. Firefighter trainee will not don face piece or hood.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: RESCUE #4

Removing Victims from Hazardous Environments

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

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The firefighter trainee, while wearing full protective clothing and given proper equipment, shall demonstrate the proper technique for removal of an injured person from a hazardous environment. The firefighter trainee will demonstrate the techniques of packaging a victim for emergency transportation. The trainee shall accomplish the skill in 9 minutes or less.

	POSSIBLE POINTS	TEST	RETEST
<b>Carry:</b>			
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>Drag:</b>			
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>Stretcher:</b>			
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 the skill in allotted time	1		
<b>TOTAL POINTS:</b>	<b>12</b>		

**Points needed to pass: 9**



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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: RESCUE #4**

Removing Victims from Hazardous Environments

**Evaluator/Candidate Comments:**

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\_\_\_\_\_  
Certifying Examiner

\_\_\_\_\_  
Date

\_\_\_\_\_  
Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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## **INSTRUCTIONAL SKILLS**

### **ROPES #1**

Securing a Ladder to an Immovable Object

**Subject: General  
NFPA 1001 5.1.1**

**Section 101  
Firefighter I**

#### **OBJECTIVE**

The firefighter trainee shall secure a ladder using a proper technique. The firefighter trainee shall properly secure equipment to an immovable object with the appropriate securing device chosen. The trainee shall accomplish the skill in 4 minutes or less.

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

While wearing full protective clothing and a Self-Contained Breathing Apparatus (SCBA), you shall select an appropriate securing device and properly secure the ladder, at either the base or tip, to an immovable object. You will be required to complete the mandatory steps while performing this skill. You will begin on my instruction to start. You will have 4 minutes to complete this skill. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

Rope

Rope hose tool/belt

Straight ladder (12 or 14 ft.)

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, gloves, coat, trousers, boots, and SCBA. Firefighter trainee will not don face piece or hood.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: ROPES #1

Securing a Ladder to an Immovable Object

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

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The firefighter trainee shall secure a ladder using a proper technique. The firefighter trainee shall properly secure equipment to an immovable object with the appropriate securing device chosen. The trainee shall accomplish the skill in 4 minutes or less.

<b>Securing the ladder tip:</b>	POSSIBLE POINTS	TEST	RETEST
a. Checks proper climbing angle	1		
b. Secures body to ladder utilizing the proper leg lock method	1		
c. Secures the rope or hose rope tool to the tip of the ladder	1		
d. Secures the rope or hose rope tool to an immovable object	1		
e. Ties appropriate knot on ladder such that when ladder is vibrated, the knot does not loosen or allow the ladder to pull more than approximately six inches (6") from the immovable structure	1		
f. Completes the skill in the allotted time	1		
<b>TOTAL POINTS:</b>	<b>6</b>		

**OR**

<b>Securing the ladder base:</b>	POSSIBLE POINTS	TEST	RETEST
a. Checks proper climbing angle	1		
b. Secures the rope or hose rope tool to the base of the ladder	1		
c. Secures the rope or hose rope tool to an immovable object	1		
d. Ties appropriate knot on ladder such that when ladder is vibrated, the knot does not loosen or allow the ladder to pull more than approximately six inches (6") from the immovable structure	1		
e. Completes the skill in the allotted time	1		
<b>TOTAL POINTS:</b>	<b>5</b>		

**Points needed to pass: 5**

**OR**

**Points needed to pass: 4**



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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: ROPES #1**

Securing a Ladder to an Immovable Object

**Evaluator/Candidate Comments:**

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\_\_\_\_\_  
Certifying Examiner

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Date

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Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>





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## **INSTRUCTIONAL SKILLS**

### **ROPES #2**

Rope Inspection & Maintenance Procedures

**Subject: Prevention, Preparedness, and Maintenance**  
**NFPA 1001 5.5.1**

**Section 101**  
**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee given an adequate length of fire service rope, shall demonstrate the proper technique of inspecting the rope and verbalizing at least five (5) indicators of damage that are characteristic for the type of rope selected. The trainee shall describe the proper procedures for cleaning and storing selected rope. The trainee shall accomplish the skill in 4 minutes or less.

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

You shall demonstrate the proper technique of inspecting fire service rope and verbalizing at least five (5) indicators of damage that are characteristic for the type of rope selected. You shall describe the proper cleaning and storage procedures of the selected rope. You will be required to complete the mandatory steps while performing this skill. You will have 4 minutes to complete 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?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

10-25 feet of rope (synthetic/natural)

The firefighter shall accomplish the skill wearing a helmet.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: ROPES #2

Rope Inspection & Maintenance Procedures

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

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School: \_\_\_\_\_

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Test Site: \_\_\_\_\_

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The firefighter trainee given an adequate length of fire service rope, shall demonstrate the proper technique of inspecting the rope and verbalizing at least five (5) indicators of damage that are characteristic for the type of rope selected. The trainee shall accomplish the skill in 4 minutes or less.

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Inspects rope for damage and <i>verbalizes at least 5 elements of rope degradation</i> (Elements could include: softness, crusty spots, stiffness, brittleness, nicks, cuts, dirt, mildew, heat sears or discoloration, fuzziness, mushy spots, sheath sliding, lumps and/or depressions)	1		
b. Examines the inner component by twisting the rope or feeling for bunching and thinness	1		
c. <i>Verbally explains that he/she would tag and remove from service any severely damaged rope</i>	1		
d. <i>Verbally explains cleaning procedures</i>	1		
e. <i>Verbally states that rope needs time to air dry completely</i>	1		
f. <i>Verbally states an additional inspection is necessary after drying</i>	1		
g. <i>Verbally states proper storage of rope</i>	1		
h. Completes skill in allotted time	1		
<b>TOTAL POINTS:</b>	<b>8</b>		

**Points needed to pass: 6**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

\_\_\_\_\_  
Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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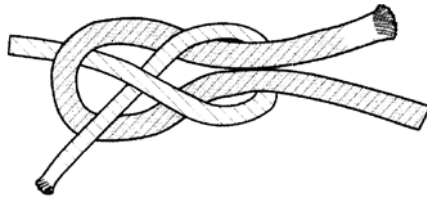
## **INSTRUCTIONAL SKILLS**

### **ROPES #3**

Forming Elements of a Becket Bend/Sheet Bend

**Subject: General**  
**NFPA 1001 5.1.1, 5.1.2**

**Firefighter I**



### **OBJECTIVE**

The firefighter trainee shall demonstrate tying a becket bend (or sheet bend). The trainee shall select the type and length of rope which will be adequate to meet the provisions of this skill. The trainee shall verbally identify five (5) potential elements of rope degradation. The trainee shall verbally identify the working, standing, and running sections of the rope. Because of various acceptable sequential steps in completing a finished knot, the examiner will primarily evaluate the finished product for accuracy by comparing the knot to reference materials. The trainee shall accomplish the skill in 4 minutes or less.

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

You will select the type and length of rope which will be adequate to meet this skill. You will verbalize five (5) potential elements of rope degradation. You shall demonstrate tying a becket bend (or sheet bend). I will primarily evaluate the finished product for accuracy by comparing the knot to reference materials. You will also verbally identify the working, standing, and running sections of the rope. You will have 4 minutes to complete this skill. The skill will begin on my instruction to start. The time will stop when you inform me that you have completed the skill. Do you understand these instructions?

### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

### **PREPARATION & EQUIPMENT**

Two adequate lengths of rope of different diameters.

The firefighter trainee shall accomplish the skill wearing a helmet.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: ROPES #3

Forming Elements of a Becket Bend/Sheet Bend

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

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Test Site: \_\_\_\_\_

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The firefighter trainee shall demonstrate tying a becket bend (or sheet bend). The trainee shall select the type and length of rope which will be adequate to meet the provisions of this skill. The trainee shall verbally identify five (5) potential elements of rope degradation. The trainee shall verbally identify the working, standing, and running sections of the rope.

Because of various acceptable sequential steps in completing a finished knot, the examiner will primarily evaluate the finished product for accuracy by comparing the knot to reference materials. The trainee shall accomplish the skill in 4 minutes or less.

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Inspects rope for damage and verbalizes at least 5 elements of rope degradation (elements could include softness, crusty spots, stiffness, brittleness, nicks, cuts, dirt, mildew, heat sears or discoloration, fuzziness, mushy spots, sheath sliding, lumps and/or depressions.)	1		
b. Forms a bight in one of the ends to be tied (bight is formed in larger diameter rope) and passes the end of the second rope through the bight	1		
c. Brings the loose end of the second rope around both parts of the bight	1		
d. Passes the loose end of the second rope under its own standing part and over the bight	1		
e. Draws the knot down snug, checking for slippage	1		
f. Verbally identifies working, standing and running sections	1		
g. Completes the skill in the allotted time	1		
<b>TOTAL POINTS:</b>	<b>7</b>		

**Points needed to pass: 5**



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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: ROPES #3**

Forming Elements of a Becket Bend/Sheet Bend

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

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Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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## INSTRUCTIONAL SKILLS

### **ROPES #4**

Forming Elements of a Bowline Knot

**Subject: General  
NFPA 1001 5.1.1**

**Firefighter I**



### **OBJECTIVE**

The firefighter trainee shall demonstrate tying a bowline knot with a safety on a smoke ejector in preparation for hoisting. The trainee shall select the type and length of rope which will be adequate to meet the provisions of this skill. The trainee shall verbally identify five (5) potential elements of rope degradation. The trainee shall verbally identify the working, standing, and running sections of the rope. The trainee shall accomplish the skill in 4 minutes or less.

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

You will select the type and length of rope which will be adequate to meet this skill. You will verbalize five (5) potential elements of rope degradation. You shall demonstrate tying a bowline knot with safety on a smoke ejector. I will primarily evaluate the finished product for accuracy by comparing the knot to reference materials. You will also verbally identify the working, standing, and running sections of the rope. You will have 4 minutes to complete this skill. You will be required to complete the mandatory steps while performing this skill. The skill will begin on my instruction to start. The time will stop when all the identified steps have been accomplished and you put your hands in the air to signal that you have completed this skill. Do you understand these instructions?

### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

### **PREPARATION & EQUIPMENT**

Adequate length of rope (synthetic/natural) Smoke ejector

The firefighter shall accomplish the skill wearing a helmet.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: ROPES #4

Forming Elements of a Bowline Knot

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

\_\_\_\_\_

The firefighter trainee shall demonstrate tying a bowline knot with a safety on a smoke ejector in preparation for hoisting. The trainee shall select the type and length of rope which will be adequate to meet the provisions of this skill. The trainee shall verbally identify five (5) potential elements of rope degradation. The trainee shall verbally identify the working, standing, and running sections of the rope. The trainee shall accomplish the skill in 4 minutes or less.

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Inspects rope for damage and verbalizes at least 5 elements of rope degradation (elements could include softness, crusty spots, stiffness, brittleness, nicks, cuts, dirt, mildew, heat sears or discoloration, fuzziness, mushy spots, sheath sliding, lumps and/or depressions.)	1		
b. Correctly measures rope for desired size	1		
c. Ties bowline knot on a smoke ejector in preparation for hoisting	1		
d. Ties safety to loop	1		
e. Verbally identifies the working, standing, and running sections	1		
f. Completes the skill in the allotted time	1		
<b>TOTAL POINTS:</b>	<b>6</b>		

**Points needed to pass: 5**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

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Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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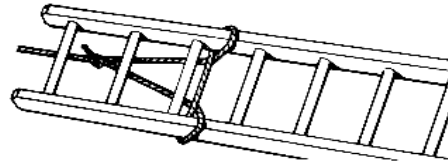
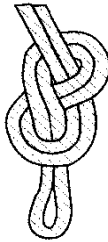
## INSTRUCTIONAL SKILLS

### ROPES #6

Forming Elements of Tying a Figure Eight on a Bight, Ends Alike

**Subject: General**  
**NFPA 1001 5.1.1**

**Section 101**  
**Firefighter I**



### OBJECTIVE

The firefighter trainee shall demonstrate tying a figure eight on a bight in preparation for hoisting a ladder. The trainee shall select the type and length of rope which will be adequate to meet the provisions of this skill. The trainee shall verbally identify five (5) potential elements of rope degradation. The trainee shall verbally identify the working, standing, and running sections of the rope. Because of various acceptable sequential steps in completing a finished knot, the examiner will primarily evaluate the finished product for accuracy by comparing the knot to reference materials. The trainee shall accomplish the skill in 4 minutes or less.

### INSTRUCTIONS - procedures for achieving the objective

You will select the type and length of rope which will be adequate to meet this skill. You will verbalize five (5) potential elements of rope degradation. You shall demonstrate tying a figure eight on a bight, with a safety knot, in preparation for hoisting a ladder. You will verbally identify the working, standing, and running sections of the rope. You will have four (4) minutes to complete this skill. The skill will commence on my instruction to start. Time will stop when all the identified steps have been accomplished and you put your hands in the air to signal that you are finished with this skill. Do you understand these instructions?

### EXAMINERS NOTE

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

### PREPARATION & EQUIPMENT

1 single section of ladder

An adequate length of rope

The firefighter trainee shall accomplish the skill wearing a helmet.





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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: ROPES #6

Forming Elements of Tying a Figure Eight on a Bight, Ends Alike

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

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The firefighter trainee shall demonstrate tying a figure eight on a bight in preparation for hoisting a ladder. The trainee shall accomplish the skill in 4 minutes or less.

	POSSIBLE POINTS	TEST	RETEST
a. Inspects the rope for damage and <i>verbalizes at least 5 elements of rope damage</i> . (Elements could include: softness, crusty spots, stiffness, brittleness, nicks, cuts, dirt, mildew, heat sears or discoloration, fuzziness, mushy spots, sheath sliding, lumps and/or depressions.)	1		
b. Correctly measures the rope for desired size	1		
c. Ties a figure eight on a bight and applies to a ladder	1		
d. Ties safety knot to standing part	1		
e. <i>Verbally identifies the working, standing, and running sections</i>	1		
f. Completes the skill in the allotted time	1		
<b>TOTAL POINTS:</b>	<b>6</b>		

**Points needed to pass: 5**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

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Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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### **INSTRUCTIONAL SKILLS**

#### **FIREFIGHTER SAFETY #8**

Procedures When Working Around Fire Apparatus

**Subject: Fireground Operations**

**NFPA 1001 5.3.3**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee shall properly describe and demonstrate the correct procedures when working around fire apparatus, to include mounting, dismounting, and other operations in and around fire apparatus.

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

Given a piece of fire apparatus, you will mount, dismount and remove equipment from the compartments of fire apparatus at a simulated fire emergency scene. You will verbally describe and follow all safety procedures. 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?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

Fire apparatus

Protective clothing

Miscellaneous tools and equipment

The firefighter trainee shall accomplish the skill wearing helmet, gloves, coat, trousers, and boots, excluding SCBA.



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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: FIREFIGHTER SAFETY #8**

Procedures When Working Around Fire Apparatus

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

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The firefighter trainee shall demonstrate the proper method of performing two types of hose carries: the accordion shoulder carry and the single section shoulder loop carry.

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Verbally states that the vehicle should be completely stopped before stepping off the vehicle	1		
b. Verbally states that the apparatus is not in motion	1		
c. handrails, safety steps onto/into vehicle	1		
d. Secures all safety devices	1		
e. Verbalizes that he/she would wait for order(s) before leaving apparatus	1		
f. Uses handrails, safety steps from vehicle	1		
<b>Aerial apparatus:</b>			
a. Verbally states that firefighters should not use handrails if dismounting an apparatus that has an aerial ladder extended close to power lines	1		
<b>Working around apparatus:</b>			
a. Keeps all apparatus doors shut when not in use	1		
b. Makes sure all equipment around vehicle is kept in a safe manner at all times	1		
c. Ensures emergency lights are operating while firefighters are operating around vehicles exposed to vehicle traffic	1		
<b>TOTAL POINTS:</b>	<b>10</b>		

**Points needed to pass: 7**



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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: FIREFIGHTER SAFETY #8**

Procedures When Working Around Fire Apparatus

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

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Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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## **INSTRUCTIONAL SKILLS**

### **SALVAGE #1**

One-Firefighter Salvage Roll and One-Firefighter Salvage Spread

**Subject: Fireground Operations**

**NFPA 1001 5.3.14**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee, given a salvage cover that is fully opened on a flat surface, shall demonstrate the proper method for rolling a salvage cover using the "one-firefighter roll" method. Upon completion, the trainee will demonstrate a "one firefighter spread" utilizing the rolled salvage cover. The trainee shall accomplish the skill in 8 minutes or less.

#### **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 rolling a salvage cover using the "one- firefighter roll" method. Upon completion, you will demonstrate a "one-firefighter spread" utilizing the rolled salvage cover. During this evaluation, you will give all verbal commands for completion of the steps. You have 8 minutes to complete this skill. 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?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

Salvage cover

Furniture or similar items

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, gloves, coat, trousers, boots, and SCBA. Firefighter trainee will not don face piece or hood.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: SALVAGE #1

One-Firefighter Salvage Roll and One-Firefighter Salvage Spread

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

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The firefighter trainee, given a salvage cover that is fully opened on a flat surface, shall demonstrate the proper method for rolling a salvage cover using the "one-firefighter roll" method. Upon completion, the trainee will demonstrate a "one firefighter spread" utilizing the rolled salvage cover. The trainee shall accomplish the skill in 8 minutes or less.

	POSSIBLE POINTS	TEST	RETEST
<b>Roll for one-firefighter spread:</b>			
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		
<b>One fire-fighter spread:</b>			
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. Completes skill in allotted time	1		
<b>TOTAL POINTS:</b>	<b>11</b>		

**Points needed to pass: 8**



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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: SALVAGE #1**

One-Firefighter Salvage Roll and One-Firefighter Salvage Spread

**Evaluator/Candidate Comments:**

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\_\_\_\_\_  
Certifying Examiner

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Date

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Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



# **State Firemen's and Fire Marshals' Association of Texas**

Texas Volunteer Firefighters' and Fire Marshals' Certification Board

PO Box 1409 ♦ Manchaca, Texas 78652-1409 ♦ 512.453.1876 (fax)

www.sffma.org ♦ 512.454.3473 (phone)

## **INSTRUCTIONAL SKILLS**

### **SALVAGE #2**

Two-Firefighter Salvage Fold and Two-Firefighter Spread

**Subject: Fireground Operations**

**NFPA 1001 5.3.14**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee and a designated partner shall demonstrate the proper method for folding a salvage cover using the "two-firefighter" method. Upon completion, the trainee will demonstrate a "two-firefighter spread" utilizing the previously folded salvage cover. The trainee shall accomplish the skill in 5 minutes or less.

#### **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 using the "two firefighter fold" method. Upon completion, you and a designated partner shall demonstrate a "two firefighter spread" utilizing the previously folded salvage cover. During this evaluation, you will give all verbal commands for completion of the steps. You have 5 minutes to complete this skill. 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?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

Salvage cover

Furniture or similar items

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, gloves, coat, trousers, boots, and SCBA. Firefighter trainee will not don face piece or hood.





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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: SALVAGE #2

Two-Firefighter Salvage Fold and Two-Firefighter Spread

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

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School: \_\_\_\_\_

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Test Site: \_\_\_\_\_

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The firefighter trainee and a designated partner shall demonstrate the proper method for folding a salvage cover using the "two-firefighter" method. Upon completion, the trainee will demonstrate a "two-firefighter spread" utilizing the previously folded salvage cover. The trainee shall accomplish the skill in 5 minutes or less.

<b>Fold for two-firefighter spread:</b>	POSSIBLE POINTS	TEST	RETEST
a. With the cover stretched lengthwise, both firefighters grasp opposite ends of the cover at the center and then pull the cover tightly. Raises the center fold high above the floor and shakes out the wrinkles to form the first half fold and spreads the half fold upon the floor and smoothes out the wrinkles.	1		
b. Folds in half again so open edge sides are on top and smoothes over	1		
c. Carries open end of cover to the opposite end, aligns the edges, shakes the wrinkles out and keeps edges straight	1		
d. Grasps the open ends, places them just short of the folded center fold and continues this process by bringing the open ends over to just short of the folded end	1		
e. Completes the operation by making one more fold in the same manner	1		
<b>Two firefighter spread:</b>			
a. Clusters furniture together, then stretches the cover along one side of the objects and separates the last half fold	1		
b. Makes several accordion folds in the throwing hand	1		
c. Pulls the cover tight between the two firefighters and prepares to swing folded part out	1		
d. Reaches high with the folded end and pitches it up and over the object	1		
e. Straightens the cover and tucks in the edges	1		
f. Completes fold and spread in allotted time	1		
<b>TOTAL POINTS:</b>	<b>11</b>		

**Points needed to pass: 8**



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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: SALVAGE #2**

Two-Firefighter Salvage Fold and Two-Firefighter Spread

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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### **INSTRUCTIONAL SKILLS**

#### **SALVAGE #3**

Cleaning and Inspecting Salvage Covers

**Subject: Prevention, Preparedness, and Maintenance**  
**NFPA 1001 5.5.1**

**Section 101**  
**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee shall demonstrate the procedures for cleaning and inspecting salvage covers. The trainee shall accomplish the skill in 5 minutes or less.

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

Given a salvage cover and the appropriate cleaning equipment, you will verbalize the proper technique for inspecting the cover for damage and for cleaning the cover. Actual cleaning does not need to occur for this evaluation. You have 5 minutes to complete 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?

#### **PREPARATION & EQUIPMENT**

Salvage cover  
Assistants



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: SALVAGE #3

Cleaning and Inspecting Salvage Covers

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

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Test Site: \_\_\_\_\_

\_\_\_\_\_

The firefighter trainee shall demonstrate the procedures for cleaning and inspecting salvage covers.			
The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Spreads the salvage cover out flat for cleaning	1		
b. <i>Verbalizes that the cover should be scrubbed with a detergent solution and a brush</i>	1		
c. <i>Verbalizes that the cover should be rinsed thoroughly</i>	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. Completes skill in allotted time	1		
<b>TOTAL POINTS:</b>	<b>6</b>		

**Points needed to pass: 5**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

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Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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### **INSTRUCTIONAL SKILLS**

#### **SALVAGE #4**

Construction of a Catch-All

**Subject: Fireground Operations**

**NFPA 1001 5.3.14**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee, operating as a member of a team, shall demonstrate and describe the proper method of constructing a water catch-all. The trainee shall accomplish the skill in 5 minutes or less.

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

Given a salvage cover, you will demonstrate the proper method of constructing a catch- all. Working with another team member, you will provide all of the verbal commands to the team member for completion of the skill. You will have 5 minutes to complete 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?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

Salvage cover

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, gloves, coat, trousers, boots, and SCBA. Firefighter trainee will not don face piece or hood.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: SALVAGE #4

Construction of a Catch-All

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

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Test Site: \_\_\_\_\_

\_\_\_\_\_

The firefighter trainee, operating as a member of a team, shall demonstrate and describe the proper method of constructing a water catch-all. The trainee shall accomplish the skill in 5 minutes or less.

The Candidate:	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. Completes skill in allotted time	1		
<b>TOTAL POINTS:</b>	<b>9</b>		

**Points needed to pass: 7**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

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Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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### **INSTRUCTIONAL SKILLS**

#### **SALVAGE #5**

Debris Removal

**Subject: Fireground Operations**

**NFPA 1001 5.3.14**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee will demonstrate the procedures for debris and water removal while protecting the building contents.

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

Given a simulated fire situation, you will demonstrate the procedures for debris and water removal while protecting building contents. 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 of the identified steps. Do you understand these instructions?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

Pumper apparatus Salvage covers Mops

Shovels Brooms Buckets Squeegees

Water vacuums

Portable pump(s)

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, gloves, coat, trousers, boots, and SCBA. Firefighter trainee will not don face piece or hood.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: SALVAGE #5

#### Debris Removal

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

\_\_\_\_\_

The firefighter trainee will demonstrate the procedures for debris and water removal while protecting the building contents.

<b>Debris Removal</b>	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. After debris is removed from the building, locates material in a suitable location and fashion	1		
d. Verbally states that caution should be exercised in moving debris in a suspicious fire	1		
<b>Removal and Routing of Water:</b>			
a. Locates necessary equipment	1		
b. Arranges furnishings to be covered	1		
c. Properly places salvage cover over contents	1		
d. Secures the cover(s) so that the water will be channeled away from the contents	1		
e. Verbally states that the use of a catch-all and water chutes may need to be incorporated in the operation	1		
<b>TOTAL POINTS:</b>	<b>9</b>		

**Points needed to pass: 7**

**Evaluator/Candidate Comments:**

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Certifying Examiner

\_\_\_\_\_  
Date

\_\_\_\_\_  
Re-Test Certifying Examiner

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Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>





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## **INSTRUCTIONAL SKILLS**

### **SALVAGE #6**

Covering an Opening in a Structure

**Subject: Fireground Operations**

**NFPA 1001 5.3.14**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee will select from an assortment of materials provided for covering an opening in a structure. The trainee will properly cover the identified opening to secure the 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 of the identified steps. Do you understand these instructions?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

Hammer

Nails, assortment

Plywood Heavy plastic Roofing/tar paper

Heavy-duty roofing knife

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, gloves, coat, trousers boots and eye protection. Firefighter trainee will not be required to wear SCBA.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: SALVAGE #6

Covering an Opening in a Structure

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

\_\_\_\_\_

The firefighter trainee will select from an assortment of materials provided for covering an opening in a structure. The trainee will properly cover the identified opening to secure the structure.

	POSSIBLE POINTS	TEST	RETEST
<b>Door or window:</b>			
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		
<b>Roofs:</b>			
a. Selects plywood, roofing paper, or tar paper	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. Tacks the edges down with laths to secure the roofing/tar paper	1		
<b>Floors:</b>			
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		
<b>TOTAL POINTS:</b>	<b>10</b>		

**Points needed to pass: 7**

**Evaluator/Candidate Comments:**

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\_\_\_\_\_  
Certifying Examiner

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Date

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Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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## **INSTRUCTIONAL SKILLS**

### **SALVAGE #7**

Construction of a Water Chute

**Subject: Fireground Operations**

**NFPA 1001 5.3.14**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee shall demonstrate and describe the proper method of constructing a water chute using the "straight ladder and two salvage cover" method. The firefighter trainee will have a maximum time limit of 6 minutes to complete this skill.

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

Given two salvage covers and a straight ladder which is longer than either cover, you will demonstrate the splicing of the two covers and their proper placement on the ladder to form a water chute to remove water. You will have 6 minutes to complete 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?

#### **EXAMINERS NOTE:**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

Two salvage covers

Straight ladder

The firefighter trainee shall accomplish the skill wearing protective trousers, boots, and helmet.



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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: SALVAGE #7**

Construction of a Water Chute

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

\_\_\_\_\_

The firefighter trainee shall demonstrate and describe the proper method of constructing a water chute using the "straight ladder and two salvage cover" method. The firefighter trainee will have a maximum time limit of 6 minutes to complete this skill.

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Fully spreads the covers out, removing most creases and wrinkles	1		
b. Rolls one long edge of one cover up to the center line of the cover	1		
c. Rolls the other long edge of the same cover up to the center line	1		
d. Inverts the cover and places it on the lower portion of the ladder, pulling each roll from underneath the chute to the nearest beam of the ladder	1		
e. Rolls one long edge of the second cover up to the center line of the cover	1		
f. Rolls the other long edge of the second cover up to the center line	1		
g. Inverts the second cover and places it on the upper portion of the ladder, overlapping the first cover to prevent any leakage, pulling each roll from underneath the chute to the nearest beam	1		
h. Elevates the tip end of the ladder to simulate elevation change	1		
i. Completes all the steps in the allotted time	1		
<b>TOTAL POINTS:</b>	<b>9</b>		

**Points needed to pass: 7**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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## **INSTRUCTIONAL SKILLS**

### **SCBA #1**

Procedure for Breathing Apparatus Operational Check

**Subject: Prevention, Preparedness, and Maintenance**  
**NFPA 1001 5.5.1**

**Section 101**  
**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee shall demonstrate the "operational check" of a Self-Contained Breathing Apparatus (SCBA) and PASS device. The trainee shall demonstrate the "daily inspection" or "operational check" that is performed to ensure that the SCBA and PASS device have no deficiencies that would limit or hinder its safe, prompt, and proper use. The trainee shall accomplish the skill in less than 4 minutes.

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

Given an SCBA with PASS device, you will demonstrate the operational inspection of the SCBA unit and PASS device. You shall verbalize the mandatory steps while performing this skill. You have 4 minutes to complete this skill. The skill will begin on my instruction to start. Time will stop when all the identified steps have been accomplished and you put your hands in the air to signal that you are finished with this skill. Do you understand these instructions?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

Self-Contained Breathing Apparatus unit  
PASS Device

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, coat, boots, hood, and trousers. Gloves are to be omitted during the examination.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: SCBA #1

Procedure for Breathing Apparatus Operational Check

Candidate: \_\_\_\_\_ Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

School: \_\_\_\_\_

Test Site: \_\_\_\_\_

The firefighter trainee shall demonstrate the "operational check" of a Self-Contained Breathing Apparatus (SCBA) and PASS device.

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Inspects the backpack's harness straps for cleanliness and damage	1		
b. Inspects the cylinder for cleanliness and damage	1		
c. Opens the cylinder and check for air leaks	1		
d. Compares the cylinder gauge pressure to remote pressure gauge	1		
e. <i>Verbalizes all pressure gauge reading in PSI</i> (should be within 100 PSI)	1		
f. Operates PASS device in all modes	1		
g. Inspects the face piece for damage	1		
h. Inspects operation of all face piece accessories present	1		
i. Purges the face piece, then dons or holds face piece to face and breathes air	1		
j. Operates purge/bypass valve	1		
k. Closes cylinder valve and relieves pressure and properly checks low pressure alarm	1		
l. <i>Verbalizes recording and reporting procedures, as per AHJ</i>	1		
m. Completes skill in allotted time	1		
<b>TOTAL POINTS:</b>	<b>13</b>		

**Points needed to pass: 10**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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## **INSTRUCTIONAL SKILLS**

### **SCBA #2**

Donning Breathing Apparatus using the **COAT METHOD**

**Subject: Fireground Operations**

**NFPA 1001 5.3.1**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee, wearing full protective clothing, shall properly don a Self-Contained Breathing Apparatus (SCBA) using the coat method. The trainee will have a maximum time limit of 1 minute.

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

With the Self-Contained Breathing Apparatus (SCBA) laying on the ground, back plate up, you shall don the breathing apparatus using the coat method. You shall verbalize the mandatory steps while performing this skill. You have 1 minute to complete the skill. You will begin on my instruction to start. Time will stop when all identified steps have been accomplished and you put your hands in the air to signal that you are finished with this skill. Do you understand these instructions?

#### **Examiners Note**

The SCBA shall be ready for this task prior to admitting the trainee into the test area.

The SCBA shall not be touched by the trainee prior to the start of the examination. The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

Self-Contained Breathing Apparatus unit

As required by NFPA 1001, the firefighter trainee shall begin and end wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, coat, boots, hood, trousers, and gloves.

"The firefighter I should already be wearing full protective clothing prior to the beginning of this SCBA-donning procedure. In addition to fully donning and activating the SCBA, the Fire Fighter I should also replace any personal protective clothing (i.e., gloves, protective hood, helmet, etc.) displaced during the donning procedure and activate the PASS device within the specified 1 min time limit." (NFPA 1001, A-3-3.1)



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www.sffma.org ♦ 512.454.3473 (phone)

## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: SCBA #2

Donning Breathing Apparatus using the **COAT METHOD**

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

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School: \_\_\_\_\_

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Test Site: \_\_\_\_\_

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The firefighter trainee, wearing full protective clothing, shall properly don a Self-Contained Breathing Apparatus (SCBA) using the coat method. The trainee will have a maximum time limit of 1 minute.

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Begins procedure with protective ensemble properly donned	1		
b. Checks cylinder gauge, verbalizes PSI	1		
c. Turns the cylinder valve on fully and listens for alarm	1		
d. Properly positions SCBA unit on his/her back using the <b>coat method</b>	1		
e. Fastens and adjusts straps	1		
f. Dons face piece and checks for proper seal	1		
g. Protective ensemble properly dons, no skin exposed and collar fastened with helmet chin strap securely fastened under chin	1		
h. Breathes from the SCBA unit	1		
i. Confirms and verbalizes that PASS device is on	1		
j. Completes skill in time allotted (1 minute or less)	1		
<b>TOTAL POINTS:</b>	<b>10</b>		

**Points needed to pass: 7**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

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Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>





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### **INSTRUCTIONAL SKILLS**

#### **SCBA #3**

Donning Breathing Apparatus using the **OVER THE HEAD METHOD**

**Subject: Fireground Operations**

**NFPA 1001 5.3.1**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee, while wearing full protective clothing, shall demonstrate the procedure for donning the SCBA using the over the head method. The firefighter trainee will have a maximum time limit of 1 minute.

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

With the Self-Contained Breathing Apparatus (SCBA) laying on the ground, back plate up, you shall don the breathing apparatus using the over the head method. You have 1 minute to complete the skill. You will begin on my instruction to start. Time will stop when all identified steps have been accomplished and you put your hands in the air to signal that you are finished with this skill. Do you understand these instructions?

#### **EXAMINERS NOTE**

The SCBA shall be ready for this skill prior to admitting the trainee into the test area. The SCBA shall not be touched by the trainee prior to the start of the examination. The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

Self-Contained Breathing Apparatus unit

As required by and NFPA 1001, the firefighter trainee shall begin and end wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, coat, boots, hood, trousers, and gloves.

The firefighter I should already be wearing full protective clothing prior to the beginning of this SCBA-donning procedure. In addition to fully donning and activating the SCBA, the Firefighter I should also replace any personal protective clothing (i.e., gloves, protective hood, helmet, etc.) displaced during the donning procedure and activate the PASS device within the specified 1 min time limit. (NFPA 1001, A-5.3.1)



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: SCBA #3

Donning Breathing Apparatus using the **OVER THE HEAD METHOD**

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

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Test Site: \_\_\_\_\_

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The firefighter trainee, while wearing full protective clothing, shall demonstrate the procedure for donning the SCBA using the over the head method. The firefighter trainee will have a maximum time limit of 1 minute.

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Begins procedure with protective ensemble properly donned	1		
b. Checks cylinder gauge, verbalizes PSI	1		
c. Turns the cylinder valve on fully and listens for alarm	1		
d. Properly positions the SCBA unit on back using the over the head method	1		
e. Fastens and adjusts straps	1		
f. Dons face piece and checks for proper seal	1		
g. Protective ensemble properly donned, no skin exposed and collar fastened with helmet chin strap fastened under chin	1		
h. Breathes from the SCBA unit	1		
i. Confirms and verbalizes that PASS device is on	1		
j. Completes skill in allotted time (1 minute or less)	1		
<b>TOTAL POINTS:</b>	<b>10</b>		

**Points needed to pass: 7**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

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Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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## **INSTRUCTIONAL SKILLS**

### **SCBA #4**

Procedure for Self-Contained Breathing Apparatus By-pass Operation

**Subject: Fireground Operations**

**NFPA 1001 5.3.1**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee, wearing full protective clothing, shall properly don a Self-Contained Breathing Apparatus (SCBA) and demonstrate emergency procedures to be used in the event of SCBA system failure. You will have a maximum time limit of 3 minutes to complete the skill.

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

While wearing full protective clothing, you shall correctly don and place the SCBA into full operation with tank cylinder and main line valves fully opened and by-pass valve closed. You will demonstrate emergency procedures to be used in the event of regulator failure, face piece failure, and conservation of air during emergency procedures. You will have a maximum time limit of 3 minutes to complete the skill. You shall verbalize the mandatory steps while performing this skill. You will begin on my instruction to start. Time will stop when all identified steps have been accomplished and you put your hands in the air to signal that you are finished with this skill. Do you understand these instructions?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

Self-Contained Breathing Apparatus unit

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, coat, boots, hood, gloves, and trousers.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: SCBA #4

Procedure for Self-Contained Breathing Apparatus By-pass Operation

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

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Test Site: \_\_\_\_\_

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The firefighter trainee, wearing full protective clothing, shall properly don a Self-Contained Breathing Apparatus (SCBA) and demonstrate emergency procedures to be used in the event of SCBA system failure. You will have a maximum time limit of 3 minutes to complete the skill.

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Indicates the correct position of the main-line and by- pass valves during normal operation	1		
b. Closes main line valve	1		
c. Opens by-pass valve. (Safety note: by-pass should be opened so that adequate breathing air is obtained without breaking face piece seal)	1		
d. Allows small amount of air to flow into the face piece	1		
e. Closes by-pass valve	1		
f. Holds breath until more air is needed	1		
g. Verbally explains the necessity to move to an exit as quickly as possible	1		
h. Repeats steps b thru f a second time	1		
i. Repeats steps b thru f a third time	1		
j. While keeping one hand on the by-pass valve, turns off and on as needed for breathing	1		
k. Completes skill in the time allotted	1		
<b>TOTAL POINTS:</b>	<b>11</b>		

**Points needed to pass: 8**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

\_\_\_\_\_  
Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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## **INSTRUCTIONAL SKILLS**

### **SCBA #5**

Skip-Breathing Procedures

**Subject: Fireground Operations**

**NFPA 1001 5.3.1**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee, wearing full protective clothing and a Self-Contained Breathing Apparatus (SCBA), shall demonstrate how to conserve air by the technique known as skip-breathing. The trainee will have a maximum time limit of three 3 minutes to complete the skill.

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

While wearing full protective clothing and a Self-Contained Breathing Apparatus (SCBA), you will demonstrate emergency procedures for conserving air by using the technique known as skip-breathing. You shall verbalize to the examiner each step identified in bold print as it is performed. You will have a maximum time limit of three 3 minutes to complete the skill. You will begin on my instruction to start. The evaluation will end when all identified steps have been accomplished and you put your hands in the air to signal that you are finished with this skill. Do you understand these instructions?

#### **EXAMINERS NOTE**

The SCBA will be in full operational condition with tank cylinder and main line valves fully opened and by-pass valve closed.

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

Self-Contained Breathing Apparatus unit

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, coat, boots, hood, and trousers.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: SCBA #5

Skip-Breathing Procedures

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

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School: \_\_\_\_\_

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Test Site: \_\_\_\_\_

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The firefighter trainee, wearing full protective clothing and a Self-Contained Breathing Apparatus (SCBA), shall demonstrate how to conserve air by the technique known as skip-breathing. The trainee will have a maximum time limit of three 3 minutes to complete the skill.

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Takes a regular breath ( <b>safety point:</b> inhales normally)	1		
b. Holds breath for about as long as it would normally take to exhale it	1		
c. Takes a second breath	1		
d. Exhales slowly	1		
e. Completes skill in allotted time	1		
<b>TOTAL POINTS:</b>	<b>5</b>		

**Points needed to pass: 4**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

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Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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### **INSTRUCTIONAL SKILLS**

#### **SCBA #6**

Replacing Self-Contained Breathing Apparatus Expended Air Cylinder

**Subject: Fireground Operations**

**NFPA 1001 5.3.1**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee shall demonstrate the replacement of an expended SCBA air cylinder with a fully charged cylinder. The trainee shall accomplish all of the identified steps in less than 1½ minutes.

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

While wearing full protective clothing and having a Self-Contained Breathing Apparatus lying on the ground with the cylinder valve open, you shall demonstrate the correct procedures for replacing an expended air cylinder with a fully charged air cylinder. You shall verbalize the mandatory steps while performing this skill. You have 1½ minutes to complete this skill. The skill will begin on my instruction to start. Time will stop when all identified steps have been accomplished and you put your hands in the air to signal that you are finished with this skill. Do you understand these instructions?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

Self-Contained Breathing Apparatus unit

Fully charged SCBA cylinder **(to be used to replace expended cylinder)**

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, coat, boots, hood, and trousers. Gloves are to be omitted during the examination.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: SCBA #6

Replacing Self-Contained Breathing Apparatus Expended Air Cylinder

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

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School: \_\_\_\_\_

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Test Site: \_\_\_\_\_

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The firefighter trainee shall demonstrate the replacement of an expended SCBA air cylinder with a fully charged cylinder. The trainee shall accomplish all of the identified steps in less than 1½ minutes.

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Closes the cylinder valve	1		
b. Releases pressure from system	1		
c. Uncouples high pressure hose from the cylinder	1		
d. Releases the cylinder securing device	1		
e. Replaces the empty cylinder with a full cylinder (verbalizes the PSI in the full cylinder)	1		
f. Secures the full cylinder in the harness	1		
g. Checks the condition of the cylinder opening, fitting, and O-ring	1		
h. Connects the high pressure hose to cylinder	1		
i. Opens the cylinder valve and checks the operation of the gauges	1		
j. Verbally explains checking for leaks in the system	1		
k. Completes skill in allotted time	1		
<b>TOTAL POINTS:</b>	<b>11</b>		

**Points needed to pass: 8**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

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Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>





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## **INSTRUCTIONAL SKILLS**

### **SCBA #7**

Donning/Doffing breathing apparatus using the **COMPARTMENT MOUNTED METHOD**

**Subject: Fireground Operations**

**NFPA 1001 5.3.1**

**Firefighter I**

#### **OBJECTIVE**

With SCBA in storage position, the firefighter trainee shall don and doff the breathing apparatus using the Compartment Mounted Method. This skill has a recommended time limit of 1 minute.

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

You will demonstrate the procedure for donning and doffing the Self Contained Breathing Apparatus using the Compartment Mounted Method. You shall verbalize the steps printed in either italics or bold italics. You will complete all donning steps in 1 minute or less. Protective ensemble will be properly donned, no skin exposed and collar fastened. You will begin on my instruction to start. Time will stop when all identified steps have been accomplished and you put your hands in the air and signal that you are finished with this skill. Do you understand these instructions?

#### **EXAMINERS NOTE:**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

The trainee will only be timed during the donning portion of this skill. Time will stop when all equipment is donned and the trainee signals completion of the donning steps of the skill.

#### **PREPARATION & EQUIPMENT**

Apparatus with SCBA compartment mounting Self-Contained Breathing Apparatus unit

As required by and NFPA 1001, the firefighter trainee shall begin and end wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, coat, boots, hood, trousers, and gloves.

"The firefighter I should already be wearing full protective clothing prior to the beginning of this SCBA-donning procedure. In addition to fully donning and activating the SCBA, the Fire Fighter I should also replace any personal protective clothing (i.e., gloves, protective hood, helmet, etc.) displaced during the donning procedure and activate the PASS device within the specified 1 min time limit." (NFPA 1001, A-5.3.1)



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: SCBA #7

Donning/Doffing breathing apparatus using the **COMPARTMENT MOUNTED METHOD**

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

\_\_\_\_\_

With SCBA in storage position, the firefighter trainee shall don and doff the breathing apparatus using the Compartment Mounted Method. This skill has a recommended time limit of 1 minute.

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Begins procedure with protective ensemble properly donned	1		
b. Checks cylinder gauge, verbalizes PSI	1		
c. Turns the cylinder valve on fully and verbally indicates listening for alarm	1		
d. Properly positions SCBA unit on his/her back	1		
e. Fastens and adjusts straps	1		
f. Dons and secures face piece	1		
g. Checks face piece for proper seal	1		
h. Protective ensemble is properly donned, no skin exposed and collar fastened with helmet chin strap securely fastened under chin	1		
i. Breathing air from the SCBA unit in a positive pressure mode	1		
j. Confirms and verbalizes that PASS device is activated	1		
k. Completes steps a through j within allotted time (1 minute or less)	1		
l. Properly doffs the SCBA	1		
<b>TOTAL POINTS:</b>	<b>12</b>		

**Points needed to pass: 9**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

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Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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## **INSTRUCTIONAL SKILLS**

### **SCBA #8**

Donning SCBA using the **SEAT MOUNTED METHOD**

**Subject: Fireground Operations**

**NFPA 1001 5.3.1**

**Firefighter I**

#### **OBJECTIVE**

With SCBA in a storage position, the firefighter trainee shall don the breathing apparatus using the Seat Mounted Method. The trainee will accomplish the skill in 1 minute or less.

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

While wearing full firefighter protective clothing, you will demonstrate the procedure for donning the Self Contained Breathing Apparatus using the Seat Mounted Method. You shall verbalize the steps printed in either italics or bold italics. You will complete this skill in 1 minute or less. You will begin and end the skill with the protective ensemble properly donned, no skin exposed and collar fastened. You will begin on my instruction to start. Time will stop when all identified steps have been accomplished and you put your hands in the air and signal that you are finished with this skill. Do you understand these instructions?

#### **EXAMINERS NOTE:**

Time will stop when all equipment is donned and the trainee signals completion of the skill.

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

Apparatus with SCBA seat mounting

Self-Contained Breathing Apparatus unit

As required by and NFPA 1001, trainee shall begin and end the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, coat, boots, hood, trousers, and gloves.

"The Firefighter I should already be wearing full protective clothing prior to the beginning of this SCBA donning procedure. In addition to fully donning and activating the SCBA, the Firefighter I should also replace any personal protective clothing (i.e., gloves, protective hood, helmet, etc.) displaced during the donning procedure and activate the PASS device within the specified 1-min time limit." (NFPA 1001, A-5.3.1)



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: SCBA #8

#### Donning SCBA using the SEAT MOUNTED METHOD

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

\_\_\_\_\_

With SCBA in a storage position, the firefighter trainee shall don the breathing apparatus using the Seat Mounted Method. The trainee will accomplish the skill in 1 minute or less.

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Begins procedure with protective ensemble properly donned	1		
b. Firefighter is properly seated	1		
c. Places arms through SCBA shoulder straps and partially tightens straps	1		
d. Carefully exits the apparatus to ground level or safely completes task inside apparatus	1		
e. Fastens and adjusts straps	1		
f. Turns cylinder valve on fully and verbally indicates listening for alarm	1		
g. Checks shoulder harness gauge, verbalizes PSI	1		
h. Requests cylinder gauge reading verification	1		
i. Confirms and verbalizes that the PASS device is on	1		
j. Dons and secures face piece and checks for proper seal	1		
k. Protective ensemble properly donned, no skin exposed, collar fastened, and helmet chin strap securely fastened under chin	1		
l. Breathes air from the SCBA unit	1		
m. Completes skill in recommended time (1 minute or less)	1		
<b>TOTAL POINTS:</b>	<b>13</b>		

**Points needed to pass: 10**

**Evaluator/Candidate Comments:**

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Certifying Examiner

\_\_\_\_\_  
Date

\_\_\_\_\_  
Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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### **INSTRUCTIONAL SKILLS**

#### **SCBA #10**

Restricted Passage

**Subject: Fireground Operations**

**NFPA 1001 5.3.1**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee, while wearing full personal protective equipment including Self Contained Breathing Apparatus (SCBA), shall safely maneuver through a restricted passage.

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

You will be presented with a restricted passage. While wearing full personal protective equipment including SCBA, you shall safely maneuver through the passage. You will begin on my instruction to start. Put your hands in the air to signal that you are finished with this skill. Do you understand these instructions?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

Restricted passage training prop

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, gloves, coat, trousers, boots, and SCBA.



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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: SCBA #10**

Restricted Passage

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

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The firefighter trainee, while wearing full personal protective equipment including Self Contained Breathing Apparatus (SCBA), shall safely maneuver through a restricted passage.

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Loosens straps or removes SCBA unit to reduce profile	1		
b. Maneuvers through restricted passage	1		
c. Maintains facepiece seal or adjusts, if necessary	1		
d. Maintains continuous contact with SCBA unit	1		
e. Once through restricted passage, readjusts SCBA unit and straps	1		
<b>TOTAL POINTS:</b>	<b>5</b>		

**Points needed to pass: 4**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Re-Test Certifying Examiner

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Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



## **State Firemen's and Fire Marshals' Association of Texas**

Texas Volunteer Firefighters' and Fire Marshals' Certification Board

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www.sffma.org ♦ 512.454.3473 (phone)

### **INSTRUCTIONAL SKILLS**

#### **SCBA #11**

Controlled Breathing

**Subject: Fireground Operations**

**NFPA 1001 5.3.1, 5.3.5**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee, wearing full personal protective equipment, shall don a Self-Contained Breathing Apparatus (SCBA) and correctly demonstrate the techniques for maximizing the air capacity of a SCBA under working conditions

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

While wearing full personal protective clothing, you shall be given a Self-Contained Breathing Apparatus in full operation. You will be provided with a fire ground operation to perform. You shall demonstrate controlled breathing. You will begin on my instruction to start. Time will stop when all identified steps have been accomplished and you put your hands in the air and signal that you are finished with this skill. Do you understand these instructions?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

Self-Contained Breathing Apparatus unit

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, gloves, coat, trousers, and boots.



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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: SCBA #11**

Controlled Breathing

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

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Test Site: \_\_\_\_\_

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The firefighter trainee, wearing full personal protective equipment, shall don a Self-Contained Breathing Apparatus (SCBA) and correctly demonstrate the techniques for maximizing the air capacity of a SCBA under working conditions

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Exhales through the mouth	1		
b. Inhales through the nose	1		
c. Performs steps a and b for four (4) more cycles	1		
<b>TOTAL POINTS:</b>		3	

**Points needed to pass: 3**

**Evaluator/Candidate Comments:**

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Re-Test Certifying Examiner

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Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>





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### **INSTRUCTIONAL SKILLS**

#### **SCBA #13**

Replacing SCBA Expended Air Cylinder – One and two man method

**Subject: Fireground Operations**

**NFPA 1001 5.3.1**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee, wearing full personal protective equipment, shall don a Self-Contained Breathing Apparatus (SCBA), and correctly demonstrate replacement of an expended cylinder on a SCBA assembly with a full cylinder.

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

While wearing full personal protective clothing, you shall demonstrate the one person method of changing an air cylinder. The second part will be a two person operation demonstrating the procedures for changing an empty Self Contained Breathing Apparatus cylinder while it is on the back of the other person. You will begin on my instruction to start. Time will stop when all identified steps have been accomplished and you put your hands in the air to signal that you are finished with this skill. Do you understand these instructions?

#### **PREPARATION & EQUIPMENT**

Self-Contained Breathing Apparatus unit

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, gloves, coat, trousers, boots, and SCBA.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: SCBA #13

Replacing SCBA Expended Air Cylinder – One and two man method

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

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School: \_\_\_\_\_

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Test Site: \_\_\_\_\_

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The firefighter trainee, wearing full personal protective equipment, shall don a Self-Contained Breathing Apparatus (SCBA), and correctly demonstrate replacement of an expended cylinder on a SCBA assembly with a full cylinder.

<b>One person:</b>	POSSIBLE POINTS	TEST	RETEST
a. Doffs the SCBA	1		
b. Locates a full cylinder	1		
c. Closes the cylinder valve	1		
d. Bleeds off the pressure	1		
e. Disconnects the high pressure hose from the cylinder	1		
f. Releases the cylinder securing device	1		
g. Replaces the empty cylinder with a full cylinder	1		
h. Secures the full cylinder in the harness	1		
i. Connects the high pressure hose to the cylinder	1		
j. Opens the cylinder valve and checks the operation of the gauges	1		
<b>Two person:</b>			
a. Locates a full cylinder	1		
b. Have the firefighter either bend over or kneel	1		
c. Closes the cylinder valve	1		
d. Bleeds off the pressure	1		
e. Disconnects the high pressure hose from the cylinder	1		
f. Releases the empty cylinder securing device	1		
g. Replaces the empty cylinder with a full cylinder	1		
h. Secures the full cylinder in the harness	1		
i. Connects the high pressure hose to the cylinder	1		
j. Opens the cylinder valve and checks the operation of the gauges	1		
<b>TOTAL POINTS:</b>	<b>20</b>		

**Points needed to pass: 14**



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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: SCBA #13**

Replacing SCBA Expended Air Cylinder – One and two man method

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

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Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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### **INSTRUCTIONAL SKILLS**

#### **SCBA #14**

Removal of Victims

**Subject: Fireground Operations**

**NFPA 1001 5.3.9**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee, wearing full protective clothing with Self Contained Breathing Apparatus (SCBA), shall demonstrate three different rescues, a firefighter with non-functioning respiratory protection, a firefighter with respiratory protection and one civilian. The simulated victims shall weigh between 150-200 pounds, and must be moved a minimum of 20 feet.

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

While wearing full protective clothing and Self Contained Breathing Apparatus (SCBA), you will locate victims weighing between 150-200 pounds. You will locate and move the victims to a designated area. There will be three victims, one victim will simulate a firefighter with functioning SCBA protection, one victim will simulate a firefighter with non-functioning SCBA protection, and one will be a civilian. You will verbally state that you have assessed the area for tenability. You must accomplish this skill without compromising your own respiratory protection. You will begin on my instruction to start. The skill will end when you state to me you have finished all of the identified steps. Do you understand these instructions?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

Self-Contained Breathing Apparatus unit

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, hood, gloves, coat, trousers, boots and SCBA.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: SCBA #14

Removal of Victims

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

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Test Site: \_\_\_\_\_

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The firefighter trainee shall demonstrate tying a bowline The firefighter trainee, wearing full protective clothing with Self Contained Breathing Apparatus (SCBA), shall demonstrate three different rescues, a firefighter with non-functioning respiratory protection, a firefighter with respiratory protection and one civilian. The simulated victims shall weigh between 150-200 pounds, and must be moved a minimum of 20 feet.

	POSSIBLE POINTS	TEST	RETEST
<b>Rescue of firefighter with respiratory protection:</b>			
a. Verbally states that they have assessed the area for tenability	1		
b. Does not compromise his/her personal respiratory protection	1		
c. Properly removes or assists downed firefighter from hazardous area	1		
<b>Rescue of civilian without respiratory protection</b>			
d. Verbally states that they have assessed the area for tenability	1		
e. Does not compromise his/her personal respiratory protection	1		
f. Properly removes or assists down civilian from hazardous area	1		
<b>Rescue of firefighter whose respiratory protection is not functioning</b>			
g. Verbally states that they have assessed the area for tenability	1		
h. Does not compromise his/her personal respiratory protection	1		
i. Properly removes or assists downed firefighter from hazardous area	1		
<b>TOTAL POINTS:</b>	<b>9</b>		

**Points needed to pass: 7**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

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Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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## **INSTRUCTIONAL SKILLS**

### **SCBA #15**

Inspection

**Subject: Prevention, Preparedness, and Maintenance**

**NFPA 1001 5.5.1**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee shall perform an inspection on a Self-Contained Breathing Apparatus (SCBA) with a PASS device and place it in a safe condition for immediate use.

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

You will be given a SCBA with PASS device to inspect and place in condition for immediate use. You must demonstrate and verbalize the steps of the inspection. 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?

#### **EXAMINERS NOTE:**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

SCBA (cylinder to be taken off back plate and disconnected from regulator) Face piece  
PASS device



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: SCBA #15

Inspection

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

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The firefighter trainee shall perform an inspection on a Self-Contained Breathing Apparatus (SCBA) with a PASS device and place it in a safe condition for immediate use.

<b>SCBA</b>	POSSIBLE POINTS	TEST	RETEST
a. Places on clean, dry surface	1		
b. Checks back plate for damage	1		
c. Checks harness and pressure gauge for damage	1		
d. Checks harness assembly straps for full extension	1		
e. Checks cylinder for damage	1		
f. Verbalizes cylinder pressure (at least 90% of rated capacity)	1		
g. Places cylinder into strap loop and secures it	1		
h. Connects regulator unit to cylinder	1		
i. Checks mask and breathing tube for damage	1		
j. Connects breathing tube to regulator	1		
k. Turns cylinder valve completely on and verbalizes pressure	1		
l. Checks low pressure alarm	1		
m. Turns cylinder off	1		
n. Assures pressure is bled off of system	1		
<b>PASS Device</b>			
a. Checks case and hardware	1		
b. Checks emergency operation mode	1		
c. Checks normal operation mode	1		
<b>TOTAL POINTS:</b>	<b>17</b>		

**Points needed to pass: 12**



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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: SCBA #15**

Inspection

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

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Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>





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### **INSTRUCTIONAL SKILLS**

#### **SCBA #17**

Recharging an Air Cylinder

**Subject: Prevention, Preparedness, and Maintenance**  
**NFPA 1001 5.5.1**

**Section 101**  
**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee shall recharge an expended air cylinder.

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

You will be given an expended Self-Contained Breathing Apparatus (SCBA) air cylinder to recharge. You must demonstrate and verbalize the steps performed. 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?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

**PREPARATION & EQUIPMENT** expended SCBA air cylinder recharging system



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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: SCBA #17**

Recharging an Air Cylinder

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

\_\_\_\_\_

The firefighter trainee shall recharge an expended air cylinder.			
The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. <i>Verbalizes hydrostatic date on cylinder</i>	1		
b. Places cylinder in fragmentation deflector	1		
c. Connects the high pressure hose to the cylinder	1		
d. Opens the cylinder valve fully	1		
e. Opens the charging hose valve(s)	1		
f. Closes cylinder valve when full	1		
g. Closes charging hose valve	1		
h. Bleeds residual pressure hose from cylinder	1		
i. Disconnects high pressure hose from cylinder	1		
j. Removes cylinder from fragmentation deflector	1		
<b>TOTAL POINTS:</b>	<b>10</b>		

**Points needed to pass: 7**

**Evaluator/Candidate Comments:**

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Re-Test Certifying Examiner

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Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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## **INSTRUCTIONAL SKILLS**

### **VENTILATION #1**

Sounding and Ventilating a Roof

**Subject: Fireground Operations**

**NFPA 1001 5.3.11, 5.3.12**

**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee, given the necessary equipment, shall demonstrate sounding a roof for structural integrity and demonstrate ventilating both pitched and flat roofs.

#### **INSTRUCTIONS: Procedures for achieving the objectives**

Standing on the ground near the designated area, you shall climb a ladder to the edge of the roof and use an axe to sound the roof for structural integrity. Using the roof ladder, you shall climb to a designated position on the roof and cut a 4 foot X 4 foot opening at the place indicated. The hole shall be continuously cut until all sides are cut and the cut-out falls to the ground. 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?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

Roof (may be simulated) Pick-head axe

14 foot roof ladder

24 foot extension ladder

Extra 4 foot x 8 foot sheets of wood

Ventilation Saw/ Chain Saw, K-12 Saw

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include, helmet, gloves, coat, trousers, boots, hood, and SCBA.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: VENTILATION #1

Sounding and Ventilating a Roof

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

\_\_\_\_\_

The firefighter trainee, given the necessary equipment, shall demonstrate sounding a roof for structural integrity and demonstrate ventilating both pitched and flat roofs.

<b>Pitched Roof</b>	POSSIBLE POINTS	TEST	RETEST
a. Organizes and collects equipment (starts equipment on the ground, shuts off power ventilation equipment before hoisting or carrying to the roof)	1		
b. Accesses the roof safely (proper ladder techniques)	1		
c. Sounds the roof and states that roof should spring back	1		
d. Moves roof ladder to the roof and uses it to distribute weight	1		
e. Moves tools to the roof safely, utilizing teamwork	1		
f. Selects most suitable location to ventilate based on fire location, highest point, exposures, and safety	1		
g. Works from safety of roof ladder	1		
h. Locates roof joists and rafters by sounding with tool	1		
i. Marks off the opening (scratches, etc.)	1		
j. Removes built up material	1		
k. Verbally states proper sequence of cuts	1		
l. Demonstrates both a horizontal and vertical cut	1		
m. Makes sure that the structural members are not cut	1		
n. Pushes ceiling through using pike pole or other adequate tool	1		
<b>Flat Roof</b>			
a. Organizes and collects equipment (starts equipment on the ground, shuts off power ventilation equipment before hoisting or carrying to the roof)	1		
b. Accesses the roof safely (proper ladder techniques)	1		
c. Sounds the roof and states that roof should spring back	1		
d. Moves roof ladder to the roof and uses it to distribute weight	1		
e. Moves tools to the roof safely, utilizing teamwork	1		
f. Selects most suitable location to ventilate based on fire location, exposures, and safety	1		
g. Works from safety of roof ladder	1		
h. Locates roof joists and rafters by sounding with tool	1		
i. Marks off the opening (scratches, etc.)	1		



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## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: VENTILATION #1**

Sounding and Ventilating a Roof

j. Removes built up material	1		
k. Verbally states proper sequence of cuts	1		
l. Demonstrates both a horizontal and vertical cut	1		
m. Makes sure that the structural members are not cut	1		
n. Pushes ceiling through using pike pole or other adequate tool	1		
<b>TOTAL POINTS:</b>	<b>28</b>		

**Points needed to pass: 20**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Re-Test Certifying Examiner

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Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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## **INSTRUCTIONAL SKILLS**

### **WATER SUPPLIES #1**

Supply Hose to Hydrant

**Subject: Fireground Operations**  
**NFPA 1001 5.3.15**

**Section 101**  
**Firefighter I**

#### **OBJECTIVE**

Connect a fire department pumper to a water supply as a member of a team, given supply or intake hose, hose tools, and a fire hydrant or static water source, so that connections are tight and water flow is unobstructed. (5.3.15)

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

You shall demonstrate the proper technique for connecting a 2½ inch or larger soft supply hose to a hydrant. Once the hose has been connected to the hydrant and the intake of the apparatus, you will then fully open and close the hydrant. You will be required to complete the mandatory steps while performing this skill. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

Pumper apparatus

2½ or larger soft supply hose

Hydrant

Hydrant wrench

The firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" to include helmet, gloves, coat, trousers, and boots.



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## INSTRUCTIONAL SKILLS

### FIREFIGHTER I: WATER SUPPLES #1

Supply Hose to Hydrant

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

\_\_\_\_\_

Connect a fire department pumper to a water supply as a member of a team, given supply or intake hose, hose tools, and a fire hydrant or static water source, so that connections are tight and water flow is unobstructed. (5.3.15)

<b>Forward Lay</b>	POSSIBLE POINTS	TEST	RETEST
a. Removes sufficient hose and proceeds to the hydrant with a hydrant wrench	1		
b. Connects hose to the hydrant	1		
c. Connects other hose coupling to pump intake	1		
d. Removes all kinks from the hose	1		
e. Fully opens and closes the hydrant	1		
f. Performs skill in a safe and proficient manner	1		
<b>TOTAL POINTS:</b>	<b>6</b>		

**Points needed to pass: 5**

**Evaluator/Candidate Comments:**

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Certifying Examiner

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Date

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Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>



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### **INSTRUCTIONAL SKILLS**

#### **WATER SUPPLIES #3**

Drafting from a Static Source

**Subject: Fireground Operations**  
**NFPA 1001 5.3.15**

**Section 101**  
**Firefighter I**

#### **OBJECTIVE**

The firefighter trainee, given the necessary equipment, shall demonstrate drafting from a static water supply source.

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

Given all of the necessary equipment, you shall demonstrate the proper technique for drafting from a static water supply source. It will not be necessary for you to actually draft water as a part of this skill. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

#### **EXAMINERS NOTE**

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

#### **PREPARATION & EQUIPMENT**

Pumper apparatus

2 - 2½" or larger hard supply hoses with strainers

Rubber mallet

Portable water tank or a simulated portable water tank

The firefighter trainee shall accomplish the skill wearing gloves, bunker pants, and boots.





# State Firemen's and Fire Marshals' Association of Texas

Texas Volunteer Firefighters' and Fire Marshals' Certification Board

PO Box 1409 ♦ Manchaca, Texas 78652-1409 ♦ 512.453.1876 (fax)

www.sffma.org ♦ 512.454.3473 (phone)

## INSTRUCTIONAL SKILLS

### **FIREFIGHTER I: WATER SUPPLIES #3**

Drafting from a Static Source

Candidate: \_\_\_\_\_

Notes: \_\_\_\_\_

Examiner: \_\_\_\_\_

\_\_\_\_\_

School: \_\_\_\_\_

\_\_\_\_\_

Test Site: \_\_\_\_\_

\_\_\_\_\_

The firefighter trainee, given the necessary equipment, shall demonstrate drafting from a static water supply source. (5.3.15)

The Candidate:	POSSIBLE POINTS	TEST	RETEST
a. Properly deploys portable water tank	1		
b. Checks gaskets on hard suction hose for dirt or gravel	1		
c. Uses a floating strainer or ensures a rope is fastened to the barrel-type strainer to aid in handling the hard suction hose	1		
d. Uses a rubber mallet to ensure an air-tight connection	1		
<b>TOTAL POINTS:</b>	<b>4</b>		

**Points needed to pass: 3**

**Evaluator/Candidate Comments:**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
Certifying Examiner

\_\_\_\_\_  
Date

\_\_\_\_\_  
Re-Test Certifying Examiner

\_\_\_\_\_  
Date

Overall Skill Sheet Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score	
Pass <input type="checkbox"/>	Fail <input type="checkbox"/>