



State Firefighters' and Fire Marshals' Association of Texas

Texas Volunteer Firefighters' and Fire Marshals' Certification Board

PO Box 1409 ♦ Manchaca, Texas 78652-1409

www.sffma.org ♦ 512.454.3473 (phone)

INSTRUCTIONAL SKILLS

COMMUNICATION FF I - 1

Relaying a Report of an Emergency

Subject: Fire Department Communications

NFPA 1001 4.2.1

REFERENCE

Initiate the response to a reported emergency, given the report of an emergency, fire department SOPs, and communications equipment, so that all necessary information is obtained, communications equipment is operated correctly, and the information is relayed promptly and accurately to the dispatch center. (4.2.1)

OBJECTIVE

Trainee shall initiate a response for a reported emergency by obtaining all necessary information and relaying the reported emergency information to the dispatch center using communication equipment.

INSTRUCTIONS - procedures for achieving the objective

Given a report of an emergency from the public, you will initiate a response by obtaining all necessary information and relaying this information to the dispatch center using the appropriate communication equipment. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

Simulated emergency situation

Communication equipment (radio, telephone, etc.)

Equipment for recording information (pencil and paper, dry erase board, etc.)

Department SOPs

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

COMMUNICATION FF I - 1

Relaying a Report of an Emergency

Trainee: _____

Department: _____

Trainee shall initiate a response for a reported emergency by obtaining all necessary information and relaying the reported emergency information to the dispatch center using communication equipment.(4.2.1)

	POSSIBLE POINTS	TEST	RETEST
a. Receives report of emergency from the public	1		
b. Records the type of emergency	1		
c. Records the incident address of the emergency	1		
d. Uses communication equipment to contact the dispatch center	1		
e. Accurately relays reported emergency information	1		
f. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	6		

Points needed to pass: 4

Evaluator/Candidate Comments:

Instructor's Signature

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INSTRUCTIONAL SKILLS

COMMUNICATION FF I - 2

Receiving a Business or Personal Telephone Call

Subject: Fire Department Communications

NFPA 1001 4.2.2

REFERENCE

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. (4.2.2)

OBJECTIVE

Trainee shall verbally explain the procedures for receiving a business or personal telephone call on the fire department phone. Then Trainee shall demonstrate the procedure for receiving a telephone call.

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 or personal 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 the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

Business or personal call (may be simulated)

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

COMMUNICATION FF I - 2

Receiving a Business or Personal Telephone Call

Trainee: _____

Department: _____

Trainee shall verbally explain the procedures for receiving a business or personal telephone call on the fire department phone. Then Trainee shall demonstrate the procedure by receiving a simulated telephone call.
(4.2.2)

	POSSIBLE POINTS	TEST	RETEST
a. Verbalizes a correct explanation of the procedures	1		
b. Answers the call promptly	1		
c. Courteously identifies self and department	1		
d. Demonstrates good verbal skills for telephone communications (pleasant, correct volume and tone)	1		
e. Has no "open line" or extended time on hold for caller	1		
f. Posts or delivers message promptly to intended recipient	1		
g. Terminates the call courteously	1		
h. Message is accurate and complete	1		
i. Followed correct procedures	1		
j. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	10		

Points needed to pass: 7

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INSTRUCTIONAL SKILLS

COMMUNICATION FF I - 3

Transmit and Receive Radio Messages

Subject: Fire Department Communications

NFPA 1001 4.2.3

REFERENCE

Transmit and receive messages via the fire department radio, given a fire department radio and operating procedures, so that the information is accurate, complete, clear, and relayed within the time established by the AHJ. (4.2.3)

OBJECTIVE

The firefighter trainee shall transmit and receive messages via the fire department radio, so that the information is accurate, complete, clear and relayed within the time established by the AHJ.

INSTRUCTIONS - procedures for achieving the objective

Given a fire department radio, you will transmit and receive messages according to operating procedures. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

Fire department radios

AHJ radio communication operating procedures



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INSTRUCTIONAL SKILLS

COMMUNICATION FF I - 3

Transmit and Receive Radio Messages

Trainee: _____

Department: _____

The firefighter trainee shall transmit and receive messages via the fire department radio, so that the information is accurate, complete, clear and relayed within the time established by the AHJ. (4.2.3)

	POSSIBLE POINTS	TEST	RETEST
a. Turns radio on	1		
b. Turns radio to the correct channel/frequency	1		
c. Receives message on radio	1		
d. Transmits message on radio	1		
e. Message is transmitted accurately	1		
f. Message is transmitted completely	1		
g. Message is transmitted clearly	1		
h. Message is transmitted timely	1		
i. Followed correct procedures	1		
j. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	10		

Points needed to pass: 7

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INSTRUCTIONAL SKILLS

EXTINGUISHERS FF I - 1

Extinguishing a Class A Fire

Subject: Fireground Operations

NFPA 1001 4.3.16

REFERENCE

Extinguish incipient Class A, Class B, and Class C fires, given a selection of portable fire extinguishers, so that the correct extinguisher is chosen, the fire is completely extinguished, and correct extinguisher-handling techniques are followed. (4.3.16)

OBJECTIVE

Trainee shall extinguish an incipient Class A fire, so that the correct extinguisher is chosen, the fire is completely extinguished, and correct extinguisher-handling techniques are followed.

INSTRUCTIONS - procedures for achieving the objective

You shall demonstrate the operation of a fire extinguisher on a Class A fire. You are required to properly select an appropriate extinguisher, properly approach, extinguish, and withdraw after the fire is completely extinguished. Only one extinguisher may be used on each class of fire. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

Stored-pressure water extinguisher - 2½ gallons

Dry chemical extinguisher

Class A fuel

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

EXTINGUISHERS FF I - 1

Extinguishing a Class A Fire

Trainee: _____

Department: _____

Trainee shall extinguish an incipient Class A fire, so that the correct extinguisher is chosen, the fire is completely extinguished, and correct extinguisher-handling techniques are followed. (4.3.16)

	POSSIBLE POINTS	TEST	RETEST
a. Selects an appropriate extinguisher based on the size and type of fire	1		
b. Checks that the extinguisher is properly charged	1		
c. Safely carries portable fire extinguisher	1		
d. Approaches fire with portable fire extinguisher	1		
e. Pulls pin	1		
f. Aims nozzle at base of fire	1		
g. Squeezes handle to discharge agent	1		
h. Sweeps slowly back and forth across base of fire	1		
i. Ensures extinguishment of fire	1		
j. Backs away without losing sight of fire location	1		
k. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	11		

Points needed to pass: 8

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INSTRUCTIONAL SKILLS

EXTINGUISHERS FF I - 2

Extinguishing a Class B Fire

Subject: Fireground Operations

NFPA 1001 4.3.16

REFERENCE

Extinguish incipient Class A, Class B, and Class C fires, given a selection of portable fire extinguishers, so that the correct extinguisher is chosen, the fire is completely extinguished, and correct extinguisher-handling techniques are followed. (4.3.16)

OBJECTIVE

Trainee shall extinguish an incipient Class B fire, so that the correct extinguisher is chosen, the fire is completely extinguished, and correct extinguisher-handling techniques are followed.

INSTRUCTIONS - procedures for achieving the objective

You shall demonstrate the operation of a fire extinguisher on a Class B fire. You are required to properly select an appropriate extinguisher, properly approach, extinguish, and withdraw after the fire is completely extinguished. Only one extinguisher may be used on each class of fire. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

Stored-pressure water extinguisher - 2½ gallons

Dry chemical extinguisher

9 square foot metal pan (minimum size)

Class B fuel

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

EXTINGUISHERS FF I - 2

Extinguishing a Class B Fire

Trainee: _____

Department: _____

Trainee shall extinguish an incipient Class B fire, so that the correct extinguisher is chosen, the fire is completely extinguished, and correct extinguisher-handling techniques are followed. (4.3.16)

	POSSIBLE POINTS	TEST	RETEST
a. Selects an appropriate extinguisher based on the size and type of fire	1		
b. Checks that the extinguisher is properly charged	1		
c. Safely carries portable fire extinguisher	1		
d. Approaches fire with portable fire extinguisher	1		
e. Pulls pin	1		
f. Aims nozzle at base of fire	1		
g. Squeezes handle to discharge agent	1		
h. Sweeps slowly back and forth across base of fire	1		
i. Avoids splashing flammable liquid	1		
j. Ensures extinguishment of fire	1		
k. Backs away without losing sight of fire location	1		
l. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	12		

Points needed to pass: 8

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INSTRUCTIONAL SKILLS

EXTINGUISHERS FF I - 3

Extinguishing a Class C Fire

Subject: Fireground Operations

NFPA 1001 4.3.16

REFERENCE

Extinguish incipient Class A, Class B, and Class C fires, given a selection of portable fire extinguishers, so that the correct extinguisher is chosen, the fire is completely extinguished, and correct extinguisher-handling techniques are followed. (4.3.16)

OBJECTIVE

Trainee shall extinguish an incipient Class C fire, so that the correct extinguisher is chosen, the fire is completely extinguished, and correct extinguisher-handling techniques are followed.

INSTRUCTIONS - procedures for achieving the objective

You shall demonstrate the operation of a fire extinguisher on a Class C fire. You are required to properly select an appropriate extinguisher, properly approach, extinguish, and withdraw after the fire is completely extinguished. Only one extinguisher may be used on each class of fire. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

Stored-pressure water extinguisher - 2½ gallons

Dry chemical extinguisher

Class C fuel (simulated)

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

EXTINGUISHERS FF I - 3

Extinguishing a Class C Fire

Trainee: _____

Department: _____

Trainee shall extinguish an incipient Class C fire, so that the correct extinguisher is chosen, the fire is completely extinguished, and correct extinguisher-handling techniques are followed. (4.3.16)

	POSSIBLE POINTS	TEST	RETEST
a. Selects an appropriate extinguisher based on the size and type of fire	1		
b. Checks that the extinguisher is properly charged	1		
c. Safely carries portable fire extinguisher	1		
d. Approaches fire with portable fire extinguisher	1		
e. De-energize power source if possible	1		
f. Pulls pin	1		
g. Aims nozzle at base of fire	1		
h. Squeezes handle to discharge agent	1		
i. Sweeps slowly back and forth across base of fire	1		
j. Ensures extinguishment of fire	1		
k. Backs away without losing sight of fire location	1		
l. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	12		

Points needed to pass: 8

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INSTRUCTIONAL SKILLS

FD ORGANIZATION AND STANDARDS FF I - 1

Locate Information in Documents

Subject: General

NFPA 1001 4.1.2

REFERENCE

Locate information in departmental documents and standard or code materials. (4.1.2)

OBJECTIVE

Trainee shall locate information in departmental documents and standard or code materials.

INSTRUCTIONS - procedures for achieving the objective

You will be given a scenario requiring you to locate specific information using national, state and local documents (NFPA, TCFP, AHJ). You will physically locate the information in the documents in an efficient manner. The skill will begin on my instruction to start. The skill will end when you inform me that you have completed the skill. Do you understand these instructions?

PREPARATION & EQUIPMENT

Scenario(s) requiring students to research information using any of the below documents.

Access to national, state and local standards, codes and documents.

- TCFP Standards Manual
- SOPs or SOGs of the AHJ
- NFPA Standards such as 1001, 1403, 1072, 1500, 1581



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INSTRUCTIONAL SKILLS

FD ORGANIZATION AND STANDARDS FF I - 1

Locate Information in Documents

Trainee: _____

Department: _____

Trainee shall locate information in departmental documents and standard or code materials. (4.1.2)			
	POSSIBLE POINTS	TEST	RETEST
a. Confirms information to be located	1		
b. Identifies which reference material is needed	1		
c. Correctly locates information in departmental documents	1		
d. Correctly locates information in standards	1		
e. Correctly locates information in code materials	1		
f. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	6		

Points needed to pass: 4

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INSTRUCTIONAL SKILLS

FORCIBLE ENTRY FF I - 1

Force Entry into a Structure (Doors)

Subject: Fireground Operations

NFPA 1001 4.3.4

REFERENCE

Force entry into a structure, given personal protective equipment, tools, and an assignment, so that the tools are used as designed, the barrier is removed, and the openings is in a safe condition and ready for entry. (4.3.4)

OBJECTIVE

The firefighter trainee shall force entry into a structure through doors, so that the tools are used as designed, the barrier is removed, and the openings is in a safe condition and ready for entry.

INSTRUCTIONS: Procedures for achieving the objectives

Given a selection of forcible entry tools, you shall identify, select and safely carry the correct tool(s) appropriate for the type of door for which you will force entry. You shall then simulate the correct method of forcing entry into a structure through the door. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT:

Pry bar
Halligan tool
Pick-head axe
Flat-head axe
Pike pole
Hydraulic extrication tool
K-tool
PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

FORCIBLE ENTRY FF I - 1

Force Entry into a Structure (Doors)

Trainee: _____

Department: _____

The firefighter trainee shall force entry into a structure through doors, so that the tools are used as designed, the barrier is removed, and the openings is in a safe condition and ready for entry. (4.3.4)			
Doors that open toward the firefighter	POSSIBLE POINTS	TEST	RETEST
a. <i>Correctly verbalizes the type of door</i>	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		
g. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	7		

Points needed to pass: 5

Doors that open away from the firefighter where stops are used	POSSIBLE POINTS	TEST	RETEST
a. <i>Correctly verbalizes the type of door</i>	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		
h. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	8		

Points needed to pass: 6

Doors that open away from the firefighter and have a rabbet jamb	POSSIBLE POINTS	TEST	RETEST
a. <i>Correctly verbalizes the type of door</i>	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		



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INSTRUCTIONAL SKILLS

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		
f. Pries the door away from the jamb until the bolt passes the keeper	1		
g. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	7		

Points needed to pass: 5

Door opened through the lock	POSSIBLE POINTS	TEST	RETEST
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		
h. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	8		

Points needed to pass: 6

Sliding Door	POSSIBLE POINTS	TEST	RETEST
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. <i>Verbalizes if the patio door is locked or blocked with a bar, the firefighter trainee should try another entrance or break the glass</i>	1		
e. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	5		

Points needed to pass: 4



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INSTRUCTIONAL SKILLS

Overhead Door	POSSIBLE POINTS	TEST	RETEST
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		
f. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	6		

Points needed to pass: 4

For All Tools	POSSIBLE POINTS	TEST	RETEST
a. Uses all tools safely	1		
TOTAL POINTS:	1		

Points needed to pass: 1

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INSTRUCTIONAL SKILLS

FORCIBLE ENTRY FF I - 2

Force Entry into a Structure (Windows)

Subject: Fireground Operations

NFPA 1001 4.3.4

REFERENCE

Force entry into a structure, given personal protective equipment, tools, and an assignment, so that the tools are used as designed, the barrier is removed, and the openings is in a safe condition and ready for entry. (4.3.4)

OBJECTIVE

The firefighter trainee shall force entry into a structure through windows, so that the tools are used as designed, the barrier is removed, and the openings is in a safe condition and ready for entry.

INSTRUCTIONS: Procedures for achieving the objectives

Given a selection of forcible entry tools, you shall identify, select and safely carry the correct tool(s) appropriate for the type of window for which you will force entry. You shall then simulate the correct method of forcing entry into a structure through the window. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

Pry bar

Halligan tool

Pick-head axe

Flat-head axe

Pike pole

Hydraulic extrication tool

K-tool

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

FORCIBLE ENTRY FF I - 2

Force Entry into a Structure (Windows)

Trainee: _____

Department: _____

The firefighter trainee shall force entry into a structure through a window, so that the tools are used as designed, the barrier is removed, and the openings is in a safe condition and ready for entry (4.3.4)

Checkrail Windows	POSSIBLE POINTS	TEST	RETEST
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		
e. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	5		

Points needed to pass: 4

Casement Windows	POSSIBLE POINTS	TEST	RETEST
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		
e. Operates the crank(s)	1		
f. Completely removes the screen	1		
g. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	7		

Points needed to pass: 5

Projected Windows	POSSIBLE POINTS	TEST	RETEST
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		
e. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	5		

Points needed to pass: 4



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INSTRUCTIONAL SKILLS

Awning or Jalousie Windows	POSSIBLE POINTS	TEST	RETEST
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		
d. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	4		

Points needed to pass: 3

All Windows	POSSIBLE POINTS	TEST	RETEST
a. Carries and uses all tools safely	1		
TOTAL POINTS:	1		

Points needed to pass: 1

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INSTRUCTIONAL SKILLS

FORCIBLE ENTRY FF I - 3

Force Entry into a Structure (Walls)

Subject: Fireground Operations

NFPA 1001 4.3.4

REFERENCE

Force entry into a structure, given personal protective equipment, tools, and an assignment, so that the tools are used as designed, the barrier is removed, and the opening is in a safe condition and ready for entry. (4.3.4)

OBJECTIVE

The firefighter trainee shall force entry into a structure through walls, so that the tools are used as designed, the barrier is removed, and the openings is in a safe condition and ready for entry.

INSTRUCTIONS: Procedures for achieving the objectives

Given a selection of forcible entry tools, you shall identify, select and safely carry the correct tool(s) appropriate for the type of wall for which you will force entry. You shall then simulate the correct method of forcing entry into a structure through the wall. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

Pry bar

Halligan tool

Pick-head axe

Flat-head axe

Pike pole

Hydraulic extrication tool

K-tool

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

FORCIBLE ENTRY FF I - 3

Force Entry into a Structure (Walls)

Trainee: _____

Department: _____

The firefighter trainee shall force entry into a structure through walls, so that the tools are used as designed, the barrier is removed, and the openings is in a safe condition and ready for entry. (4.3.4)

Masonry Walls	POSSIBLE POINTS	TEST	RETEST
a. Chooses the correct tool(s)	1		
b. Correctly uses the forcible entry tool	1		
c. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	3		

Points needed to pass: 2

Metal Walls	POSSIBLE POINTS	TEST	RETEST
a. Chooses the correct tool(s)	1		
b. Sounds for studs	1		
c. Cuts along studs or other supports	1		
d. Watches for electrical wiring and pipes in the walls	1		
e. After cuts are made, folds the metal back out of the way	1		
f. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	6		

Points needed to pass: 4

Wood Frame Walls	POSSIBLE POINTS	TEST	RETEST
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		
f. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	6		

Points needed to pass: 4



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INSTRUCTIONAL SKILLS

Partition Walls	POSSIBLE POINTS	TEST	RETEST
a. Chooses the correct tool(s)	1		
b. Opens the partition as to the type of materials above	1		
c. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	3		

Points needed to pass: 2

For All Walls	POSSIBLE POINTS	TEST	RETEST
a. Carries and uses all tools safely	1		
TOTAL POINTS:	1		

Points needed to pass: 1

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

FORCIBLE ENTRY FF I - 4

Demonstrate Hand and Power Tools Used for Forcible Entry

Subject: Fireground Operations

NFPA 1001 4.3.4

REFERENCE

Force entry into a structure, given personal protective equipment, tools, and an assignment, so that the tools are used as designed, the barrier is removed, and the opening is in a safe condition and ready for entry. (4.3.4)

OBJECTIVE

The firefighter trainee shall force entry into a structure using hand and power tools, so that the tools are used as designed, the barrier is removed, and the openings is in a safe condition and ready for entry.

INSTRUCTIONS - procedures for achieving the objective

You will have at least three hand tools and one power tool for this skill. You will safely operate each of the tools for a total of four evaluations. You will be given a scenario by the examiner that will utilize each one of the tools used. You must demonstrate the use of the tool and verbalize any special safety procedures with each tool to fulfill the requirements of the evolution. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

Four (4) hand tools from the following:	One (1) power tool from the following (may be gas or electric):
<ul style="list-style-type: none">• flat-head axe• pick-head axe• pike pole• halligan tool• spanner wrench• crow bar / pry bar• hand saw• sledge hammer	<ul style="list-style-type: none">• hydraulic extrication spreaders• hydraulic extrication shears• chain saw• gas circular saw (K-12)

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

FORCIBLE ENTRY FF I - 4

Demonstrate Hand and Power Tools Used for Forcible Entry

Trainee: _____

Department: _____

The firefighter trainee shall force entry into a structure using hand and power tools, so that the tools are used as designed, the barrier is removed, and the openings is in a safe condition and ready for entry. (4.3.4)

Tool #1: _____	POSSIBLE POINTS	TEST	RETEST
a. Chooses the correct tool to accomplish the skill	1		
b. Inspects the tool before use to ensure its condition	1		
c. Ensures that all people are out of the work area	1		
d. Correctly uses the proper tool	1		
e. <i>Verbalizes and demonstrates special safety procedures with each tool</i>	1		
f. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	6		

Points needed to pass: 4

Tool #2: _____	POSSIBLE POINTS	TEST	RETEST
a. Chooses the correct tool to accomplish the skill	1		
b. Inspects the tool before use to ensure its condition	1		
c. Ensures that all people are out of the work area	1		
d. Correctly uses the proper tool	1		
e. <i>Verbalizes and demonstrates special safety procedures with each tool</i>	1		
f. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	6		

Points needed to pass: 4

Tool #3: _____	POSSIBLE POINTS	TEST	RETEST
a. Chooses the correct tool to accomplish the skill	1		
b. Inspects the tool before use to ensure its condition	1		
c. Ensures that all people are out of the work area	1		
d. Correctly uses the proper tool	1		
e. <i>Verbalizes and demonstrates special safety procedures with each tool</i>	1		
f. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	6		

Points needed to pass: 4



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INSTRUCTIONAL SKILLS

Tool #4: _____	POSSIBLE POINTS	TEST	RETEST
a. Chooses the correct tool to accomplish the skill	1		
b. Inspects the tool before use to ensure its condition	1		
c. Ensures that all people are out of the work area	1		
d. Correctly uses the proper tool	1		
e. <i>Verbalizes and demonstrates special safety procedures with each tool</i>	1		
f. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	6		

Points needed to pass: 4

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

FIRE PROTECTION SYSTEMS FF I - 1

Locating the Main Control Valve

Subject: Fireground Operations

NFPA 1001 4.3.14

REFERENCE

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

OBJECTIVE

Trainee shall locate the Main Control Valve on a sprinkler system, correctly identify the position of the valve and demonstrate the procedures for fully opening and closing the valve.

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 the above identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

An indicating control valve for a sprinkler system

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

FIRE PROTECTION SYSTEMS FF I - 1

Locating the Main Control Valve

Trainee: _____

Department: _____

Trainee shall locate the Main Control Valve on a sprinkler system, correctly identify the position of the valve and demonstrate the procedures for fully opening and closing the valve. (4.3.14)

	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 secured in the open position	1		
g. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:	7		

Points needed to pass: 5

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

FIRE PROTECTION SYSTEMS FF I - 2

Controlling and Identifying Sprinkler Heads

Subject: Fireground Operations

NFPA 1001 4.3.14

REFERENCE

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

OBJECTIVE

Trainee shall stop the flow of water from a sprinkler head using a sprinkler stop or wedge. The trainee shall also 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 the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE

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

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

FIRE PROTECTION SYSTEMS FF I - 2

Controlling and Identifying Sprinkler Heads

Trainee: _____

Department: _____

Trainee shall stop the flow of water from a sprinkler head using a sprinkler stop or wedge. The trainee shall also identify the style of sprinkler head, temperature rating, and the conditions at which the control valve may be closed. (4.3.14)

	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 incident commander	1		
f. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:	6		

Points needed to pass: 4

Evaluator/Candidate Comments:

Instructor's Signature

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INSTRUCTIONAL SKILLS

HAND TOOLS FFI-1

Cleaning and Inspecting Hand Tools

Subject: Preparedness and Maintenance

NFPA 1001 4.5.1

REFERENCE

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

OBJECTIVE

Trainee shall clean hand tools and inspect for damage. The trainee shall also state the frequency for sharpening cutting tools.

INSTRUCTIONS - procedures for achieving the objective

Given a hand tool and the appropriate cleaning equipment, you will clean the hand tool and then verbalize the proper technique for inspecting the hand tool for damage and for sharpening cutting tools. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

Hand tools

Cleaning supplies

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

HAND TOOLS FFI-1

Cleaning and Inspecting Hand Tools

Trainee: _____

Department: _____

Trainee shall clean hand tools and inspect for damage. The trainee shall also state the frequency for sharpening cutting tools. (4.5.1)

	POSSIBLE POINTS	TEST	RETEST
a. Cleans tool with mild soap and water, if appropriate	1		
b. Dries tool	1		
c. Inspects tool for any damage	1		
d. <i>Verbally states that cutting tools should be sharpened after each use</i>	1		
e. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	5		

Points needed to pass: 4

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

HOSE FFI-1

Coupling and Uncoupling Fire Hose

Subject: Fireground Operations

NFPA 1001 4.3.10

REFERENCE

Attack an interior structure fire operating as a member of a team, given an attack line, ladders when needed, personal protective equipment, tools, and an assignment, so that team integrity is maintained, the attack line is deployed for advancement, ladders are correctly placed when used, access is gained into the fire area, effective water application practices are used, the fire is approached correctly, attack techniques facilitate suppression given the level of the fire, hidden fires are located and controlled, the correct body posture is maintained, hazards are recognized and managed, and the fire is brought under control. (4.3.10)

OBJECTIVE

Trainee shall demonstrate three methods for coupling and uncoupling fire service hose.

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 the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

2 lengths of 1 ½" or larger hose

Spanner wrench set

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

HOSE FFI-1

Coupling and Uncoupling Fire Hose

Trainee: _____

Department: _____

Trainee shall demonstrate three methods for coupling and uncoupling fire service hose. (4.3.10)			
	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		
d. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:	4		

Points needed to pass: 3

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

HOSE FFI-2

Replacing Burst Section of Hose

Subject: Fireground Operations

NFPA 1001 4.3.10

REFERENCE

Attack an interior structure fire operating as a member of a team, given an attack line, ladders when needed, personal protective equipment, tools, and an assignment, so that team integrity is maintained, the attack line is deployed for advancement, ladders are correctly placed when used, access is gained into the fire area, effective water application practices are used, the fire is approached correctly, attack techniques facilitate suppression given the level of the fire, hidden fires are located and controlled, the correct body posture is maintained, hazards are recognized and managed, and the fire is brought under control. (4.3.10)

OBJECTIVE

Trainee shall replace a section of burst hose.

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 hose line. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

4 lengths of 1 ½" or larger hose

Appropriate nozzle for hose size

Hose clamp

Spanner wrench set

Hydrant or fire apparatus for water supply

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

HOSE FFI-2

Replacing Burst Section of Hose

Trainee: _____

Department: _____

Trainee shall replace a section of burst hose. (4.3.10)			
	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. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:	6		

Points needed to pass: 4

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

HOSE FFI-3

Extend a Hoseline

Subject: Fireground Operations

NFPA 1001 4.3.10

REFERENCE

Attack an interior structure fire operating as a member of a team, given an attack line, ladders when needed, personal protective equipment, tools, and an assignment, so that team integrity is maintained, the attack line is deployed for advancement, ladders are correctly placed when used, access is gained into the fire area, effective water application practices are used, the fire is approached correctly, attack techniques facilitate suppression given the level of the fire, hidden fires are located and controlled, the correct body posture is maintained, hazards are recognized and managed, and the fire is brought under control. (4.3.10)

OBJECTIVE

Trainee shall extend a charged hoseline.

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 extending a charged hoseline. You shall demonstrate the open and closed nozzle positions and any stream adjustments that are characteristic of the nozzle. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

4 lengths of 1½" or larger hose

Appropriate nozzles for hose size

Hose clamp

Gated wye or similar appliance

Spanner wrench set

Hydrant or fire apparatus for water supply

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

HOSE FFI-3

Extend a Hoseline

Trainee: _____

Department: _____

Trainee shall extend a charged hoseline. (4.3.10)			
	POSSIBLE POINTS	TEST	RETEST
a. Locates gated wye or similar appliance	1		
b. Locates attack nozzle	1		
c. Brings 50 feet of hose to nozzle	1		
d. Shuts down water flow by applying hose clamp correctly at approximately 3-5 feet behind nozzle and opens nozzle	1		
e. Removes nozzle, attaches appliance, and attaches 50 feet of hose	1		
f. Extends attack line out and attaches nozzle	1		
g. When coupling and uncoupling hose, 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. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:		13	

Points needed to pass: 9

Evaluator/Candidate Comments:

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INSTRUCTIONAL SKILLS

HOSE FFI-4

Performing Two Types of Hose Carries

Subject: Fireground Operations

NFPA 1001 4.3.10

REFERENCE

Attack an interior structure fire operating as a member of a team, given an attack line, ladders when needed, personal protective equipment, tools, and an assignment, so that team integrity is maintained, the attack line is deployed for advancement, ladders are correctly placed when used, access is gained into the fire area, effective water application practices are used, the fire is approached correctly, attack techniques facilitate suppression given the level of the fire, hidden fires are located and controlled, the correct body posture is maintained, hazards are recognized and managed, and the fire is brought under control. (4.3.10)

OBJECTIVE

Trainee shall demonstrate two methods for carrying fire service hose.

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 the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE

The hose shall be laid straight out.

PREPARATION & EQUIPMENT

1 - 50 foot section of 2½" or 3" hose

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

HOSE FFI-4

Performing Two Types of Hose Carries

Trainee: _____

Department: _____

Trainee shall demonstrate two methods for carrying fire service hose. (4.3.10)			
Accordion Shoulder Carry:	POSSIBLE POINTS	TEST	RETEST
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		
f. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:		6	

Points needed to pass: 4

Single Section Shoulder Loop Carry:	POSSIBLE POINTS	TEST	RETEST
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		
e. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:		5	

Points needed to pass: 4

Evaluator/Candidate Comments:



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INSTRUCTIONAL SKILLS

HOSE FFI-5

Advance a Charged Attack Line Up a Ladder

Subject: Fireground Operations

NFPA 1001 4.3.10

REFERENCE

Attack an interior structure fire operating as a member of a team, given an attack line, ladders when needed, personal protective equipment, tools, and an assignment, so that team integrity is maintained, the attack line is deployed for advancement, ladders are correctly placed when used, access is gained into the fire area, effective water application practices are used, the fire is approached correctly, attack techniques facilitate suppression given the level of the fire, hidden fires are located and controlled, the correct body posture is maintained, hazards are recognized and managed, and the fire is brought under control. (4.3.10)

OBJECTIVE

Trainee shall advance a charged hoseline up a 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 the identified steps. Do you understand these instructions?

SAFETY NOTE

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

PREPARATION & EQUIPMENT

24 foot extension ladder

1½" or 2½" hose

1½" or 2½" nozzle

Rope or hose strap

PPE appropriate for the skill



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PO Box 1409 ♦ Manchaca, Texas 78652-1409

www.sffma.org ♦ 512.454.3473 (phone)

INSTRUCTIONAL SKILLS

HOSE FFI-5

Advance a Charged Attack Line Up a Ladder

Trainee: _____

Department: _____

Trainee shall advance a charged hoseline up a ladder. (4.3.10)			
	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	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. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:		6	

Points needed to pass: 4

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

HOSE FFI-6

Advancing Charged and Uncharged Attack Lines

Subject: Fireground Operations

NFPA 1001 4.3.10

REFERENCE

Attack a passenger vehicle fire operating as a member of a team, given personal protective equipment, attack line, and hand tools, so that hazards are avoided, leaking flammable liquids are identified and controlled, protection from flash fires is maintained, all vehicle compartments are overhauled, and the fire is extinguished. (4.3.7)

Extinguish fires in exterior Class A materials, given fires in stacked or piled and small unattached structures or storage containers that can be fought from the exterior, attack lines, hand tools and master stream devices, and an assignment, so that exposures are protected, the spread of fire is stopped, collapse hazards are avoided, water application is effective, the fire is extinguished, and signs of the origin area(s) and arson are preserved. (4.3.8)

Attack an interior structure fire operating as a member of a team, given an attack line, ladders when needed, personal protective equipment, tools, and an assignment, so that team integrity is maintained, the attack line is deployed for advancement, ladders are correctly placed when used, access is gained into the fire area, effective water application practices are used, the fire is approached correctly, attack techniques facilitate suppression given the level of the fire, hidden fires are located and controlled, the correct body posture is maintained, hazards are recognized and managed, and the fire is brought under control. (4.3.10)

OBJECTIVE

Trainee shall advance charged and uncharged hoselines on grade level and up and down stairs.

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 the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

Pumper

3 sections of two different hose sizes, both 1½" or larger

Rope

Appropriate nozzle(s) for each hose line

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

HOSE FFI-6

Advancing Charged and Uncharged Attack Lines

Trainee: _____

Department: _____

Trainee shall advance charged and uncharged hoselines on grade level and up and down stairs. (4.3.10)			
1 st - 1½ inch or larger charged line:	POSSIBLE POINTS	TEST	RETEST
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		
i. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:		9	

Points needed to pass: 6

2 nd - 1½ inch or larger charged line:	POSSIBLE POINTS	TEST	RETEST
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		
i. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:		9	

Points needed to pass: 6

1 st - 1½ inch or larger uncharged line:	POSSIBLE POINTS	TEST	RETEST
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		



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INSTRUCTIONAL SKILLS

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		
i. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:	9		

Points needed to pass: 6

2 nd - 1½ inch or larger uncharged line:	POSSIBLE POINTS	TEST	RETEST
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		
i. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:	9		

Points needed to pass: 6

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

HOSE FFI-7

Connecting Hose to a Standpipe

Subject: Fireground Operations

NFPA 1001 4.3.10

REFERENCE

Attack an interior structure fire operating as a member of a team, given an attack line, ladders when needed, personal protective equipment, tools, and an assignment, so that team integrity is maintained, the attack line is deployed for advancement, ladders are correctly placed when used, access is gained into the fire area, effective water application practices are used, the fire is approached correctly, attack techniques facilitate suppression given the level of the fire, hidden fires are located and controlled, the correct body posture is maintained, hazards are recognized and managed, and the fire is brought under control. (4.3.10)

OBJECTIVE

Trainee shall connect hose to a standpipe for fire attack.

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 will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE

The instructor will designate the fire floor.

PREPARATION & EQUIPMENT

Appropriate hose adapters
100 feet of 1½" hose or larger
Standpipe connection or equivalent
Spanner wrenches
Nozzle
PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

HOSE FFI-7

Connecting Hose to a Standpipe

Trainee: _____

Department: _____

Trainee shall connect hose to a standpipe for fire attack. (4.3.10)			
	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	1		
d. Uncaps discharge and hooks hose up to the standpipe	1		
e. Advances the hose line to a designated point	1		
f. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:	6		

Points needed to pass: 4

Evaluator/Candidate Comments:

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INSTRUCTIONAL SKILLS

HOSE FFI-8

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

Subject: Preparedness and Maintenance

NFPA 1001 4.5.2

REFERENCE

Clean, inspect and return fire hose to service, given washing equipment, water, detergent, tools, and replacement gaskets, so that damage is noted and corrected, the hose is clean, and the equipment is placed in a ready state for service. (4.5.2)

OBJECTIVE

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 the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

1½ inch or larger fire hose

1½ inch or larger nozzle

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

HOSE FFI-8

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

Trainee: _____

Department: _____

Trainee shall demonstrate the procedures for cleaning, maintaining, and inspecting for damaged fire hose, couplings and nozzles. (4.5.2)

Nozzle	POSSIBLE POINTS	TEST	RETEST
a. Checks nozzle bale or handle for function by moving it to the "OPEN" and "CLOSED" positions	1		
b. Checks nozzle gasket for defects, age and ability to return to normal shape by pinching the gasket between the thumb and index fingers	1		
c. Checks nozzle for external damage	1		
d. Checks nozzle for internal damage and debris	1		
e. If applicable, ensures pistol grip is secure	1		
f. If applicable, ensures fog nozzle operates properly	1		
g. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	7		

Points needed to pass: 5

Fire hose	POSSIBLE POINTS	TEST	RETEST
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. If hose is defective, marks according to department SOP	1		
e. Verbalizes how to operate hose washing and drying equipment and that hose should be testing annually	1		
f. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	6		

Points needed to pass: 4

Couplings	POSSIBLE POINTS	TEST	RETEST
a. Checks male coupling for damage (chips, burrs, out-of-roundness)	1		
b. Checks male coupling for tightness and proper mounting on hose	1		



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INSTRUCTIONAL SKILLS

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		
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		
g. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:		7	

Points needed to pass: 5

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INSTRUCTIONAL SKILLS

HOSE FFI-9

Loading Hose

Subject: Preparedness and Maintenance

NFPA 1001 4.5.2

REFERENCE

Clean, inspect and return fire hose to service, given washing equipment, water, detergent, tools, and replacement gaskets, so that damage is noted and corrected, the hose is clean, and the equipment is placed in a ready state for service. (4.5.2)

OBJECTIVE

Trainee, working with another team member, shall 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 the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

2 sections of 2½" or larger hose

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

HOSE FFI-9

Loading Hose

Trainee: _____

Department: _____

Trainee, working with another team member, shall demonstrate loading three types of hose loads. (4.5.2)

Accordion Hose Load	POSSIBLE POINTS	TEST	RETEST
a. Lays hose on edge in front-to-back manner	1		
b. Folds hose back on itself and lays in opposite direction	1		
c. Staggers folds at the edge of the hose bed	1		
d. Repeats until hose covers hose bed	1		
e. Starts second layer, repeats accordion loading	1		
f. Adds layers until all hose is loaded	1		
g. Finishes hose load per AHJ procedures	1		
h. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	8		

Points needed to pass: 6

Horseshoe Hose Load	POSSIBLE POINTS	TEST	RETEST
a. Lays hose on edge around the perimeter of the hose bed	1		
b. Makes fold and lays hose back inside first section of hose	1		
c. Lays hose progressively inward until space is filled	1		
d. Starts second layer, repeats horseshoe loading	1		
e. Adds layers until all hose is loaded	1		
f. Finishes hose load per AHJ procedures	1		
g. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	7		

Points needed to pass: 5



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INSTRUCTIONAL SKILLS

Flat Hose Load	POSSIBLE POINTS	TEST	RETEST
a. Places first coupling in corner of hose bed	1		
b. Lays hose flat in front-to-back manner	1		
c. Folds hose back on itself and lays in opposite direction	1		
d. Repeats until hose covers hose bed	1		
e. Starts second layer, repeats flat loading	1		
f. Adds layers until all hose is loaded	1		
g. Finishes hose load per AHJ procedures	1		
h. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	7		

Points needed to pass: 5

Evaluator/Candidate Comments:

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INSTRUCTIONAL SKILLS

HOSE FFI-10

Rolling Hose

Subject: Preparedness and Maintenance

NFPA 1001 4.5.2

REFERENCE

Clean, inspect and return fire hose to service, given washing equipment, water, detergent, tools, and replacement gaskets, so that damage is noted and corrected, the hose is clean, and the equipment is placed in a ready state for service. (4.5.2)

OBJECTIVE

Trainee shall demonstrate four methods of hose rolls:

1. Donut
2. Twin Donut
3. Straight
4. Self-Locking Twin Donut

INSTRUCTIONS - procedures for achieving the objective

You shall properly demonstrate four methods of hose rolls:

1. Donut
2. Twin Donut
3. Straight
4. Self-Locking Twin Donut

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

Sections of hose, 1½" diameter or larger

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

HOSE FFI-10

Rolling Hose

Trainee: _____

Department: _____

Trainee shall demonstrate four methods of hose rolls. (4.5.2)

Donut Roll	POSSIBLE POINTS	TEST	RETEST
a. Lays hose flat in a straight line	1		
b. Starts roll from a point 5 or 6 feet off center toward the male coupling	1		
c. Rolls hose toward female end	1		
d. Leaves space at center loop for carrying	1		
e. Extends short length of hose at female end over the male end to protect threads	1		
f. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	6		

Points needed to pass: 4

Twin Donut Roll	POSSIBLE POINTS	TEST	RETEST
a. Lays hose flat in two parallel lines	1		
b. Starts roll by folding loop end	1		
c. Rolls both sections of hose simultaneously	1		
d. Inserts strap through center for carrying	1		
e. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	5		

Points needed to pass: 4

Straight Roll	POSSIBLE POINTS	TEST	RETEST
a. Lays hose flat in a straight line	1		
b. Begins roll by folding over male coupling	1		
c. Rolls hose to the female coupling	1		
d. Lays completed roll on its side	1		
e. Tamps down protruding hose	1		
f. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	6		

Points needed to pass: 4



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INSTRUCTIONAL SKILLS

Self-Locking Twin Donut Roll	POSSIBLE POINTS	TEST	RETEST
a. Lays hose flat in a straight line	1		
b. Brings male coupling alongside of female coupling	1		
c. Crosses hose at the loop end and creates a carrying shoulder loop	1		
d. Brings loop back towards the couplings where the hose crosses	1		
e. Starts rolling from loop end simultaneously	1		
f. Upon completion, positions couplings on top of the roll	1		
g. Passes large loop over couplings and through the smaller loop	1		
h. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	8		

Points needed to pass: 6

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INSTRUCTIONAL SKILLS

LADDERS FFI-1

Inspection and Maintenance Procedures for Ladders

Subject: Preparedness and Maintenance

NFPA 1001 4.5.1

REFERENCE

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

OBJECTIVE

Trainee shall inspect ladders, so that the ladders are inspected according to manufacturer or departmental guidelines and the ladders are 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 of ladders. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

Extension ladder

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

LADDERS FFI-1

Inspection and Maintenance Procedures for Ladders

Trainee: _____

Department: _____

Trainee shall inspect ladders, so that the ladders are inspected according to manufacturer or departmental guidelines and the ladders are placed in a ready state or reported otherwise. (4.5.1)

	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. Verbally states that ladders should be inspected monthly and after each use	1		
n. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:	14		

Points needed to pass: 10

Evaluator/Candidate Comments:

Instructor's Signature

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INSTRUCTIONAL SKILLS

LADDERS FFI-1

Cleaning Ladders

Subject: Preparedness and Maintenance

NFPA 1001 4.5.1

REFERENCE

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

OBJECTIVE

Trainee shall clean and maintain ladders, so that the ladders are cleaned and maintained according to manufacturer or departmental guidelines and the ladders are placed in a ready state or reported otherwise.

INSTRUCTIONS - procedures for achieving the objective

You will verbally explain and demonstrate the proper technique for 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 the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

1- 24 ft. or 35 ft. extension ladder Soapy water 1- brush

Waterproof grease

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

LADDERS FFI-1

Cleaning Ladders

Trainee: _____

Department: _____

Trainee shall clean and maintain ladders, so that the ladders are cleaned and maintained according to manufacturer or departmental guidelines and the ladders are placed in a ready state or reported otherwise. (4.5.1)

	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		
f. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	6		

Points needed to pass: 4

Evaluator/Candidate Comments:

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INSTRUCTIONAL SKILLS

LADDERS FFI-3

Rescuing a Conscious Person

Subject: Fireground Operations

NFPA 1001 4.3.9

REFERENCE

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

OBJECTIVE

Trainee shall climb a ladder and rescue a conscious person so that the person is brought safely down the ladder.

INSTRUCTIONS - procedures for achieving the objective

Given an above grade rescue scenario, you shall demonstrate the proper climbing technique while assisting a conscious person down the ladder. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

A selection of ground ladders Person (for simulated rescue)

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

LADDERS FFI-3

Rescuing a Conscious Person

Trainee: _____

Department: _____

Trainee shall climb a ladder and rescue a conscious person so that the person is brought safely down the ladder. (4.3.9)

	POSSIBLE POINTS	TEST	RETEST
a. Firefighter makes verbal contact with person and attempts to calm them down	1		
b. Sets up appropriate ladder for scenario in a method approved by AHJ	1		
c. With the ladder in place, checks proper climbing angle and ensures the ladder is secure	1		
d. Firefighter climbs the ladder to meet the person and instructs the person onto the ladder	1		
e. 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		
f. Firefighter continues to communicate with the person throughout rescue	1		
g. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	7		

Points needed to pass: 5

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

LADDERS FFI-4

Rescuing an Unconscious Adult

Subject: Fireground Operations

NFPA 1001 4.3.9

REFERENCE

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

OBJECTIVE

Trainee shall climb a ladder and rescue an unconscious person so that the person is brought safely down the ladder.

INSTRUCTIONS - procedures for achieving the objective

Given an above grade rescue scenario, you shall demonstrate the proper climbing technique while rescuing an unconscious person down the ladder. 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

A selection of ground ladders Person (for simulated rescue)

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

LADDERS FFI-4

Rescuing an Unconscious Adult

Trainee: _____

Department: _____

Trainee shall climb a ladder and rescue an unconscious person so that the person is brought safely down the ladder. (4.3.9)

	POSSIBLE POINTS	TEST	RETEST
a. Sets up appropriate ladder for scenario in a method approved by AHJ	1		
b. With the ladder in place, checks proper climbing angle and ensures the ladder is secure	1		
c. Firefighter 1 climbs the ladder and begins preparing the victim for rescue down the ladder	1		
d. Firefighter 2 climbs to the top of the ladder	1		
e. Firefighter 2 places hands on the rungs and bends a knee at a 90 degree angle on a rung	1		
f. Firefighter 1 lifts the victim onto the ladder and into the hold of Firefighter 2 keeping the victims back towards the ladder	1		
g. Firefighter 2 brings the victim down, keeping the victim straddled on their knee and the victims arms over the firefighters arms	1		
h. Firefighter 2 brings the victim down one rung at a time, transferring the victims weight from one leg to the other	1		
i. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	9		

Points needed to pass: 6

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

LADDERS FFI-5

Rescuing an Unconscious Child or Small Adult

Subject: Fireground Operations

NFPA 1001 4.3.9

REFERENCE

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

OBJECTIVE

Trainee shall climb a ladder and rescue an unconscious child so that the child is brought safely down the ladder.

INSTRUCTIONS - procedures for achieving the objective

Given an above grade rescue scenario, you shall demonstrate the proper climbing technique while rescuing an unconscious child or small adult down the ladder. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

A selection of ground ladders

Team member

Person/mannequin per AHJ (for simulated rescue)

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

LADDERS FFI-5

Rescuing an Unconscious Child or Small Adult

Trainee: _____

Department: _____

Trainee shall climb a ladder and rescue an unconscious child so that the child is brought safely down the ladder. (4.3.9)

	POSSIBLE POINTS	TEST	RETEST
a. Sets up appropriate ladder for scenario in a method approved by AHJ	1		
b. With the ladder in place, checks proper climbing angle and ensures the ladder is secure	1		
c. Firefighter #1 climbs the ladder and begins preparing the victim for rescue down the ladder	1		
d. Firefighter #2 climbs to the top of the ladder	1		
e. Firefighter #2 places hands on the beams of the ladder	1		
f. Firefighter #1 lifts the victim onto the ladder and across the arms of Firefighter #2	1		
g. Firefighter #2 brings the victim down, keeping their arms level and sliding their hands down the beams	1		
h. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	8		

Points needed to pass: 6

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

LADDERS FFI-6

Rescuing an Unconscious Large Adult

Subject: Fireground Operations

NFPA 1001 4.3.9

REFERENCE

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

OBJECTIVE

Trainee shall climb a ladder and rescue an unconscious large adult so that the person is brought safely down the ladder.

INSTRUCTIONS - procedures for achieving the objective

Given an above grade rescue scenario, working as a team, you shall demonstrate the proper climbing technique while rescuing an unconscious large adult down ladder. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

A selection of ground ladders

Person/mannequin per AHJ (for simulated rescue)

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

LADDERS FFI-6

Rescuing an Unconscious Large Adult

Trainee: _____

Department: _____

Trainee shall climb a ladder and rescue an unconscious large adult so that the person is brought safely down the ladder. (4.3.9)

	POSSIBLE POINTS	TEST	RETEST
a. Sets up appropriate ladders for scenario in a method approved by AHJ	1		
b. With the ladders in place, checks proper climbing angle and ensures the ladder is secure	1		
c. One or more firefighters climbs the ladders and begins preparing the victim for rescue down the ladder	1		
d. Two additional Firefighters climb to the top of the ladders and places hands on the beams of the ladders	1		
e. Firefighters lift the victim onto the ladders and across the arms of Firefighters	1		
f. Firefighters on the ladders bring the victim down, keeping their arms level and sliding their hands down the beams	1		
g. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	7		

Points needed to pass: 5

Evaluator/Candidate Comments:

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INSTRUCTIONAL SKILLS

LADDERS FFI-7

Working Off Ground Ladder with Tools

Subject: Fireground Operations

NFPA 1001 4.3.6

REFERENCE

Set up ground ladders, given single and extension ladders, an assignment, and team members if needed, so that hazards are assessed, the ladder is stable, the angle is correct for climbing, extension ladders are extended to the necessary height with the fly locked, the top is placed against a reliable structural component, and the assignment is accomplished. (4.3.6)

OBJECTIVE

Trainee, without a life safety belt, shall demonstrate the technique of working from a ground ladder with a fire fighting tool.

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 tool. 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 motions with the tool. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

1 14 ft. ladder (or greater)

1 fire fighting tool

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

LADDERS FFI-7

Working Off Ground Ladder with Tools

Trainee: _____

Department: _____

Trainee, without a life safety belt, shall demonstrate the technique of working from a ground ladder with a fire fighting tool. (4.3.6)

	POSSIBLE POINTS	TEST	RETEST
a. Checks the ladder for proper climbing angle	1		
b. Climbs the ladder smoothly with a tool 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 motions with the tool	1		
e. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	5		

Points needed to pass: 4

Evaluator/Candidate Comments:

Instructor's Signature

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INSTRUCTIONAL SKILLS

LADDERS FFI-8

Low Shoulder Carry, Right Angle Raise of a Single Ladder

Subject: Fireground Operations

NFPA 1001 4.3.6

REFERENCE

Set up ground ladders, given single and extension ladders, an assignment, and team members if needed, so that hazards are assessed, the ladder is stable, the angle is correct for climbing, extension ladders are extended to the necessary height with the fly locked, the top is placed against a reliable structural component, and the assignment is accomplished. (4.3.6)

OBJECTIVE

Trainee shall carry, position, and raise a 14-foot single or wall ladder using a low shoulder carry, right angle raise.

INSTRUCTIONS - procedures for achieving the objective

Using a low shoulder carry, you will pick up and carry a single 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. The skill will end when you indicate that the ladder is suitable for climbing. Do you understand these instructions?

PREPARATION & EQUIPMENT

Single ladder

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

LADDERS FFI-8

Low Shoulder Carry, Right Angle Raise of a Single Ladder

Trainee: _____

Department: _____

Trainee shall carry, position, and raise a 14foot single or wall ladder using a low shoulder carry, right angle raise. (4.3.6)

	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, <i>verbalizes that the area is clear of overhead obstructions</i> , 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 <i>verbally indicates that the ladder is suitable for climbing</i>	1		
f. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	6		

Points needed to pass: 4

Evaluator/Candidate Comments:

Instructor's Signature

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INSTRUCTIONAL SKILLS

LADDERS FFI-9

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

Subject: Fireground Operations

NFPA 1001 4.3.6

REFERENCE

Set up ground ladders, given single and extension ladders, an assignment, and team members if needed, so that hazards are assessed, the ladder is stable, the angle is correct for climbing, extension ladders are extended to the necessary height with the fly locked, the top is placed against a reliable structural component, and the assignment is accomplished. (4.3.6)

OBJECTIVE

Trainee, operating as a member of a team, shall carry, position, and raise a 24-foot extension ladder using a low shoulder carry, right angle raise.

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 will begin on my instructions to start. The skill will end when you verbally state that the ladder is suitable for climbing. Do you understand these instructions?

PREPARATION & EQUIPMENT

24 ft. extension ladder

Drill tower or equivalent

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

LADDERS FFI-9

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

Trainee: _____

Department: _____

Trainee, operating as a member of a team, shall carry, position, and raise a 24-foot extension ladder using a low shoulder carry, right angle raise. (4.3.6)

	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 <i>verbalizes the area is clear of overhead obstructions</i> 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 <i>verbalizes a command to raise the ladder</i>	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 <i>verbalizes that the ladder is suitable for climbing</i> . Time stops at this point.	1		
h. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	8		

Points needed to pass: 6

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

LADDERS FFI-10

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

Subject: Fireground Operations

NFPA 1001 4.3.6

REFERENCE

Set up ground ladders, given single and extension ladders, an assignment, and team members if needed, so that hazards are assessed, the ladder is stable, the angle is correct for climbing, extension ladders are extended to the necessary height with the fly locked, the top is placed against a reliable structural component, and the assignment is accomplished. (4.3.6)

OBJECTIVE

Trainee, operating as a member of a team, shall carry, position, and raise a 24-foot extension ladder using a low shoulder carry, right angle beam raise.

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. The skill will end when you verbally state that the ladder is suitable for climbing. Do you understand these instructions?

PREPARATION & EQUIPMENT

24 ft. extension ladder

Drill tower or equivalent

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

LADDERS FFI-10

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

Trainee: _____

Department: _____

Trainee, operating as a member of a team, shall carry, position, and raise a 24 foot extension ladder using a low shoulder carry, right angle beam raise. (4.3.6)

	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 <i>verbalizes the area is clear of overhead obstructions</i> . 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 <i>gives a command to raise the ladder</i>	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. The trainee <i>verbalizes that the ladder is suitable for climbing</i> .	1		
h. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	8		

Points needed to pass: 6

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

LADDERS FFI-11

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

Subject: Fireground Operations

NFPA 1001 4.3.6

REFERENCE

Set up ground ladders, given single and extension ladders, an assignment, and team members if needed, so that hazards are assessed, the ladder is stable, the angle is correct for climbing, extension ladders are extended to the necessary height with the fly locked, the top is placed against a reliable structural component, and the assignment is accomplished. (4.3.6)

OBJECTIVE

Trainee, operating as a member of a team, shall carry, position, and raise a 24-foot extension ladder using a low shoulder carry, flat parallel raise.

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 will begin on my instructions to start. The skill will end when you verbally state that the ladder is suitable for climbing. Do you understand these instructions?

PREPARATION & EQUIPMENT

24 ft. extension ladder

Drill tower, ladder wall, or equivalent

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

LADDERS FFI-11

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

Trainee: _____

Department: _____

Trainee, operating as a member of a team, shall carry, position, and raise a 24 foot extension ladder using a low shoulder carry, flat parallel raise. (4.3.6)

	POSSIBLE POINTS	TEST	RETEST
a. Stands next to the ladder at the butt, <i>gives a command to shoulder the ladder</i> . Both individuals, as they stand, will use leg muscles to lift the ladder.	1		
b. Places hand over butt spur, checks for obstructions and <i>verbalizes that area is clear of obstructions</i> . 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. The trainee <i>verbalizes that the ladder is suitable for climbing</i> .	1		
h. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	8		

Points needed to pass: 6

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

LADDERS FFI-12

Carry, Hoist, and Secure a Roof Ladder

Subject: Fireground Operations

NFPA 1001 4.3.12

REFERENCE

Perform vertical ventilation on a structure as part of a team, given an assignment, personal protective equipment, ground and roof ladders, and tools, so that ladders are positioned for ventilation, a specified opening is created, all ventilation barriers are removed, structural integrity is not compromised, products of combustion are released from the structure, and the team retreats from the area when ventilation is accomplished. (4.3.12)

OBJECTIVE

Trainee shall carry, hoist, and secure a roof ladder onto 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 the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

1 - Roof ladder

1 - Extension ladder

Pitched roof

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

LADDERS FFI-12

Carry, Hoist, and Secure a Roof Ladder

Trainee: _____

Department: _____

Trainee shall carry, hoist and secure a roof ladder onto a structure with a pitched roof. (4.3.12)			
	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		
k. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	11		

Points needed to pass: 8

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

LADDERS FFI-13

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

Subject: Fireground Operations

NFPA 1001 4.3.6

REFERENCE

Set up ground ladders, given single and extension ladders, an assignment, and team members if needed, so that hazards are assessed, the ladder is stable, the angle is correct for climbing, extension ladders are extended to the necessary height with the fly locked, the top is placed against a reliable structural component, and the assignment is accomplished. (4.3.6)

OBJECTIVE

Trainee, operating as a member of a team, shall carry, position, and raise a 35-foot extension ladder using a flat shoulder carry, right angle raise.

INSTRUCTIONS - procedures for achieving the objective

Using a three-firefighter flat shoulder carry, you and designated persons will pick up a 35foot 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. The skill will start on my instructions to start. The skill will end when you state that the ladder is suitable for climbing. Do you understand these instructions?

PREPARATION & EQUIPMENT

35 ft. extension ladder

Three or more story structure or equivalent

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

LADDERS FFI-13

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

Trainee: _____

Department: _____

Trainee, operating as a member of a team, shall carry, position, and raise a 35-foot extension ladder using a flat shoulder carry, right angle raise. (4.3.6)			
	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, <i>verbalizes the area is clear of overhead obstructions</i> , 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 <i>gives a command to raise the ladder</i> , 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. <i>Verbalizes that the ladder is suitable for climbing</i> .	1		
i. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:		9	

Points needed to pass: 6

Evaluator/Candidate Comments:



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INSTRUCTIONAL SKILLS

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

LADDERS FFI-14

Carry a Folding/Attic Ladder

Subject: Fireground Operations

NFPA 1001 4.3.6

REFERENCE

Set up ground ladders, given single and extension ladders, an assignment, and team members if needed, so that hazards are assessed, the ladder is stable, the angle is correct for climbing, extension ladders are extended to the necessary height with the fly locked, the top is placed against a reliable structural component, and the assignment is accomplished. (4.3.6)

OBJECTIVE

Trainee shall carry, position, and raise a folding/attic ladder.

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. Do you understand these instructions?

PREPARATION & EQUIPMENT

Folding/attic ladder

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

LADDERS FFI-14

Carry a Folding/Attic Ladder

Trainee: _____

Department: _____

Trainee shall carry, position, and raise a folding/attic ladder. (4.3.6)			
	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, <i>verbalizes that the area is clear of overhead obstructions</i> , 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 <i>verbally indicates that the ladder is suitable for climbing</i>	1		
f. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	6		

Points needed to pass: 4

Evaluator/Candidate Comments:

Instructor's Signature

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INSTRUCTIONAL SKILLS

LADDERS FFI-15

Securing a Ladder

Subject: Fireground Operations

NFPA 1001 4.3.6

REFERENCE

Set up ground ladders, given single and extension ladders, an assignment, and team members if needed, so that hazards are assessed, the ladder is stable, the angle is correct for climbing, extension ladders are extended to the necessary height with the fly locked, the top is placed against a reliable structural component, and the assignment is accomplished. (4.3.6)

OBJECTIVE

Trainee shall secure a ladder to a stationary object.

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 a stationary object. You will begin on my instruction to start. The skill will end when you indicate that the ladder is suitable for climbing. Do you understand these instructions?

PREPARATION & EQUIPMENT

Ladder

Rope/webbing

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

LADDERS FFI-15

Securing a Ladder

Trainee: _____

Department: _____

Trainee shall secure a ladder to a stationary object. (4.3.6)			
Secure Tip of Ladder	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 webbing to the tip of the ladder	1		
d. Secures the rope or webbing to a stationary 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 stationary object	1		
f. Performs skill in safe and proficient manner	1		
TOTAL POINTS:		6	

Points needed to pass: 4

Secure Base of Ladder	POSSIBLE POINTS	TEST	RETEST
a. Checks proper climbing angle	1		
b. Secures the rope or webbing to the base of the ladder	1		
c. Secures the rope or webbing to a stationary 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 stationary object	1		
e. Performs skill in safe and proficient manner	1		
TOTAL POINTS:		5	

Points needed to pass: 4

Evaluator/Candidate Comments:

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INSTRUCTIONAL SKILLS

LIVE FIRE FFI-1

Grade Level Structure Fire

Subject: Fireground Operations

NFPA 1001 4.3.10

REFERENCE

Attack an interior structure fire operating as a member of a team, given an attack line, ladders when needed, personal protective equipment, tools, and an assignment, so that team integrity is maintained, the attack line is deployed for advancement, ladders are correctly placed when used, access is gained into the fire area, effective water application practices are used, the fire is approached correctly, attack techniques facilitate suppression given the level of the fire, hidden fires are located and controlled, the correct body posture is maintained, hazards are recognized and managed, and the fire is brought under control. (4.3.10)

OBJECTIVE

Trainee, operating as a member of team, shall attack and suppress a grade level interior structure fire. The trainee shall also replace a burst section of hose.

INSTRUCTIONS - procedures for achieving the objective

Operating as a member of a team, you will demonstrate the proper technique for suppressing a grade level interior structure fire using the direct, indirect, or combination attack methods of extinguishment. You will use a 1½" or 1¾" charged attack hose line for this skill. I will indicate to you which section of hose to replace. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE

A simulated section of burst hose will be replaced.

PREPARATION & EQUIPMENT

Enough 1½" or 1¾" charged attack lines for the scenario

Material for burning (must comply with NFPA 1403)

Multilevel burn facility

All needed support equipment and personnel for the scenario

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

LIVE FIRE FFI-1

Grade Level Structure Fire

Trainee: _____

Department: _____

Trainee, operating as a member of team, shall attack and suppress a grade level interior structure fire. The trainee shall also replace a burst section of hose. (4.3.10)

	POSSIBLE POINTS	TEST	RETEST
a. Maintains team integrity	1		
b. Performs a size-up to identify safety hazards	1		
c. Deploys 1½" or 1¾" attack hose	1		
d. Checks flow, pattern, and bleeds air from hose	1		
e. Advances hose for fire attack	1		
f. Gains access into the fire area	1		
g. Uses appropriate attack techniques for a grade level fire	1		
h. Stays low during initial attack	1		
i. Applies water using appropriate direct, indirect, and/or combination attacks	1		
j. Uses effective water application practices	1		
k. Extinguishes fire	1		
l. Prevents water hammer when shutting down nozzle	1		
m. Locates and suppresses interior wall and/or subfloor fires	1		
n. Replaces burst hose section(s) as directed	1		
o. Carries hose as necessary and couples/uncouples hose connections as necessary	1		
p. Maintains situational awareness during skill	1		
q. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:	17		

Points needed to pass: 12

Evaluator/Candidate Comments:

Instructor's Signature

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INSTRUCTIONAL SKILLS

LIVE FIRE FFI-2

Above Grade Level Structure Fire

Subject: Fireground Operations

NFPA 1001 4.3.10

REFERENCE

Attack an interior structure fire operating as a member of a team, given an attack line, ladders when needed, personal protective equipment, tools, and an assignment, so that team integrity is maintained, the attack line is deployed for advancement, ladders are correctly placed when used, access is gained into the fire area, effective water application practices are used, the fire is approached correctly, attack techniques facilitate suppression given the level of the fire, hidden fires are located and controlled, the correct body posture is maintained, hazards are recognized and managed, and the fire is brought under control. (4.3.10)

OBJECTIVE

Trainee, operating as a member of team, shall advance a hose line up a ladder, attack and suppress an above grade level interior structure fire.

INSTRUCTIONS - procedures for achieving the objective

Operating as a member of a team, you will demonstrate the proper technique for suppressing an above grade level interior structure fire using the direct, indirect, or combination attack methods of extinguishment. You will use a 1½" or 1¾" charged attack hose line for this skill. You must advance the hose line up a ladder for fire attack. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE

The fire attack must be made after advancing a hose line up a ladder.

PREPARATION & EQUIPMENT

Enough 1½" or 1¾" charged attack lines for the scenario

Material for burning (must comply with NFPA 1403)

Multilevel burn facility

All needed support equipment and personnel for the scenario PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

LIVE FIRE FFI-2

Above Grade Level Structure Fire

Trainee: _____

Department: _____

Trainee, operating as a member of team, shall advance a hose line up a ladder, attack and suppress an above grade level interior structure fire. (4.3.10)

	POSSIBLE POINTS	TEST	RETEST
a. Maintains team integrity	1		
b. Performs a size-up to identify safety hazards	1		
c. Deploys 1½" or 1¾" attack hose	1		
d. Checks flow, pattern, and bleeds air from hose	1		
e. Advances hose up a ladder for fire attack	1		
f. Gains access into the fire area	1		
g. Uses appropriate attack techniques for an above grade level fire	1		
h. Stays low during initial attack	1		
i. Applies water using appropriate direct, indirect, and/or combination attacks	1		
j. Uses effective water application practices	1		
k. Extinguishes fire	1		
l. Prevents water hammer when shutting down nozzle	1		
m. Locates and suppresses interior wall and/or subfloor fires	1		
n. Maintains situational awareness during skill	1		
o. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:	15		

Points needed to pass: 11

Evaluator/Candidate Comments:

Instructor's Signature

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INSTRUCTIONAL SKILLS

LIVE FIRE FFI-3

Below Grade Level Structure Fire

Subject: Fireground Operations

NFPA 1001 4.3.10

REFERENCE

Attack an interior structure fire operating as a member of a team, given an attack line, ladders when needed, personal protective equipment, tools, and an assignment, so that team integrity is maintained, the attack line is deployed for advancement, ladders are correctly placed when used, access is gained into the fire area, effective water application practices are used, the fire is approached correctly, attack techniques facilitate suppression given the level of the fire, hidden fires are located and controlled, the correct body posture is maintained, hazards are recognized and managed, and the fire is brought under control. (4.3.10)

OBJECTIVE

Trainee, operating as a member of team, shall attack and suppress a below grade level interior structure fire. The trainee shall also extend a hose line.

INSTRUCTIONS - procedures for achieving the objective

Operating as a member of a team, you will demonstrate the proper technique for suppressing a below grade level interior structure fire using the direct, indirect, or combination attack methods of extinguishment. You will use a 1½" or 1¾" charged attack hose line for this skill. I will indicate to you which hose line to extend. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE

A hose line must be extended.

PREPARATION & EQUIPMENT

Enough 1½" or 1¾" charged attack lines for the scenario

Material for burning (must comply with NFPA 1403)

Multilevel burn facility

All needed support equipment and personnel for the scenario

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

LIVE FIRE FFI-3

Below Grade Level Structure Fire

Trainee: _____

Department: _____

Trainee, operating as a member of team, shall attack and suppress a below grade level interior structure fire. The trainee shall also extend a hose line. (4.3.10)

	POSSIBLE POINTS	TEST	RETEST
a. Maintains team integrity	1		
b. Performs a size-up to identify safety hazards	1		
c. Deploys 1½" or 1¾" attack hose	1		
d. Checks flow, pattern, and bleeds air from hose	1		
e. Advances hose down interior stairs for fire attack	1		
f. Gains access into the fire area	1		
g. Uses appropriate attack techniques for a below grade level fire	1		
h. Stays low during initial attack	1		
i. Applies water using appropriate direct, indirect, and/or combination attacks	1		
j. Uses effective water application practices	1		
k. Extinguishes fire	1		
l. Prevents water hammer when shutting down nozzle	1		
m. Locates and suppresses interior wall and/or subfloor fires	1		
n. Extends hose line as directed	1		
o. Carries hose as necessary and couples/uncouples hose connections as necessary	1		
p. Maintains situational awareness during skill	1		
q. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:	17		

Points needed to pass: 12

Evaluator/Candidate Comments:

Instructor's Signature

Date

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INSTRUCTIONAL SKILLS

LIVE FIRE FFI-4

Storage Container Fire

Subject: Fireground Operations

NFPA 1001 4.3.8

REFERENCE

Extinguish fires in exterior Class A materials, given fires in stacked or piled and small unattached structures or storage containers that can be fought from the exterior, attack lines, hand tools and master stream devices, and an assignment, so that exposures are protected, the spread of fire is stopped, collapse hazards are avoided, water application is effective, the fire is extinguished, and signs of the origin area(s) and arson are preserved. (4.3.8)

OBJECTIVE

Trainee, operating as a member of team, shall extinguish a fire in a storage container.

INSTRUCTIONS - procedures for achieving the objective

Given the appropriate equipment and assistance, you shall demonstrate the proper technique for extinguishing a fire in a storage container. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

Pumper apparatus

Attack hoses and nozzles

Storage container (exterior dumpster or trash bin)

Material for burning (must comply with NFPA 1403)

All needed support equipment and personnel for the scenario

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

LIVE FIRE FFI-4

Storage Container Fire

Trainee: _____

Department: _____

Trainee, operating as a member of team, shall extinguish a fire in a storage container. (4.3.8)			
	POSSIBLE POINTS	TEST	RETEST
a. Performs a size-up to identify safety hazards	1		
b. Verbally explains how and when a master stream could be used on a container fire	1		
c. Deploys 1½" or 1¾" attack hose	1		
d. Checks flow, pattern, and bleeds air from hose	1		
e. Advances hose for fire attack	1		
f. Recognizes inherent hazards related to the material's configuration including avoiding collapse hazards	1		
g. Protects exposures	1		
h. Stops the spread of fire	1		
i. Operates hose line to apply water effectively	1		
j. Evaluates and modifies water application for maximum penetration	1		
k. Breaks up material using hand tools and water streams	1		
l. Extinguishes fire	1		
m. Prevents water hammer when shutting down nozzle	1		
n. Searches for and exposes hidden fires	1		
o. Evaluates for complete extinguishment	1		
p. Assesses patterns for origin determination	1		
q. Preserves signs of the origin areas and arson	1		
r. Maintains situational awareness during skill	1		
s. Performs the skill in a safe and proficient manner	1		
TOTAL POINTS:	19		

Points needed to pass: 13

Evaluator/Candidate Comments:

Instructor's Signature

Date

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INSTRUCTIONAL SKILLS

LIVE FIRE FFI-5

Vehicle Fire

Subject: Fireground Operations

NFPA 1001 4.3.7

REFERENCE

Attack a passenger vehicle fire operating as a member of a team, given personal protective equipment, attack line, and hand tools, so that hazards are avoided, leaking flammable liquids are identified and controlled, protection from flash fires is maintained, all vehicle compartments are overhauled, and the fire is extinguished. (4.3.7)

OBJECTIVE

Trainee shall extinguish a vehicle fire.

INSTRUCTIONS - procedures for achieving the objective

Given the appropriate equipment and assistance, you shall demonstrate the proper technique for extinguishing a vehicle fire. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

Pumper apparatus

Attack hoses and nozzles

Vehicle for fire (must comply with NFPA 1403)

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

LIVE FIRE FFI-5

Vehicle Fire

Trainee: _____

Department: _____

Trainee shall extinguish a vehicle fire. (4.3.7)			
	POSSIBLE POINTS	TEST	RETEST
a. Verbally identifies possible fuel types	1		
b. Performs a size-up to identify safety hazards	1		
c. Ensures vehicle is stable, chocks wheels if necessary	1		
d. Deploys 1½" or 1¾" attack hose	1		
e. Checks flow, pattern, and bleeds air from hose	1		
f. Advances hose for fire attack safely avoiding hazards	1		
g. Applies water for maximum effectiveness while maintaining flash fire protection	1		
h. Prevents water hammer when shutting down nozzle	1		
i. Exposes hidden fires by opening all compartments	1		
j. Extinguishes fire in all compartments	1		
k. Assesses and controls fuel leaks as required	1		
l. Maintains situational awareness during skill	1		
m. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:		13	

Points needed to pass: 9

Evaluator/Candidate Comments:

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INSTRUCTIONAL SKILLS

LIVE FIRE FFI-5

Ground Cover Fire

Subject: Fireground Operations

NFPA 1001 4.3.19

REFERENCE

Combat a ground cover fire operating as a member of a team, given protective clothing, SCBA if needed, hose lines, extinguishers or hand tools, and an assignment, so that threats to property are reported, threats to personal safety are recognized, retreat is quickly accomplished when warranted, and the assignment is completed. (4.3.19)

OBJECTIVE

Trainee, operating as a member of a team, shall combat a ground cover fire.

INSTRUCTIONS - procedures for achieving the objective

Operating as a member of a team, you shall demonstrate and describe the proper techniques for combating a ground cover fire, so that threats to property are reported, threats to personal safety are recognized, retreat is quickly accomplished when warranted, and the assignment is completed. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE

This is a simulation. The examinee is to demonstrate and describe proper *techniques*. It is NOT necessary to actually construct the fire line and it is NOT necessary to attack an actual fire.

PREPARATION & EQUIPMENT

Task appropriate protective clothing (according to the SOP of the authority having jurisdiction)

Hose lines

Extinguishers and/or hand tools

Assignments for combating a ground fire



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INSTRUCTIONAL SKILLS

LIVE FIRE FFI-5

Ground Cover Fire

Trainee: _____

Department: _____

Trainee, operating as a member of a team, shall combat a ground cover fire. (4.3.19)			
	POSSIBLE POINTS	TEST	RETEST
a. Maintains team integrity	1		
b. Confirms assignment	1		
c. Performs a size-up	1		
d. Recognizes threats to personal safety	1		
e. Identifies safety zones and escape routes	1		
f. Determines exposure threats based on fire spread potential	1		
g. Reports threats to property	1		
h. Protects exposures	1		
i. Constructs a fire line with hand tools	1		
j. Maintains integrity of established fire lines (if required)	1		
k. Suppresses ground cover fires using water	1		
l. Extinguishes fire	1		
m. Mops up hot spots	1		
n. Retreats quickly if warranted	1		
o. Completes assignment	1		
p. Maintains situational awareness during skill	1		
q. Performs the skill in a safe and proficient manner	1		
TOTAL POINTS:		17	

Points needed to pass: 12

Evaluator/Candidate Comments:

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INSTRUCTIONAL SKILLS

OVERHAUL FFI-1

Exposure of Hidden Fires

Subject: Fireground Operations

NFPA 1001 4.3.13

REFERENCE

Overhaul a fire scene, given personal protective equipment, attack line, hand tools, a flashlight, and an assignment, so that structural integrity is not compromised, all hidden fires are discovered, fire cause evidence is preserved, and the fire is extinguished. (4.3.13)

OBJECTIVE

Trainee shall overhaul a fire scene and preserve fire cause evidence.

INSTRUCTIONS - procedures for achieving the objective

You will overhaul a fire scene, given personal protective equipment, attack line, hand tools, a flashlight, and an assignment, so that structural integrity is not compromised, all hidden fires are discovered, fire cause evidence is preserved, and the fire is extinguished. 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

Attack line

Hand tools

A flashlight

Thermal imaging device

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

OVERHAUL FFI-1

Exposure of Hidden Fires

Trainee: _____

Department: _____

Trainee shall overhaul a fire scene and preserve fire cause evidence. (4.3.13)			
	POSSIBLE POINTS	TEST	RETEST
a. Deploys and operates an attack line that is most effective for overhaul	1		
b. Observes fire area to observe smoking or smoldering material	1		
c. Detects hot spots; uses thermal imaging device if available	1		
d. Removes flooring, ceiling, and wall components to expose void spaces without compromising structural integrity	1		
e. Exposes and extinguishes hidden fires in walls, ceilings, and subfloor spaces	1		
f. Applies water for maximum effectiveness and limits water damage as much as possible	1		
g. Minimizes damage when possible	1		
h. Recognizes and preserves fire cause evidence	1		
i. Evaluates for complete extinguishment	1		
j. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	10		

Points needed to pass: 7

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

PPE FFI-1

Inspection of PPE

Subject: General

NFPA 1001 4.1.2

REFERENCE

Don personal protective clothing, doff personal protective clothing and prepare for reuse, hoist tools and equipment using ropes and the correct knot, and locate information in departmental documents and standards or code material. (4.1.2)

OBJECTIVE

Trainee shall inspect personal protective clothing and recommend cleaning, repair, or replacement as needed.

INSTRUCTIONS - procedures for achieving the objective

You will be given a complete set of personal protective equipment. You shall perform an inspection of the personal protective clothing in a proficient manner. You will recommend cleaning, repair or replacement based on Standard Operating Procedures. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

Helmet

Turnout coat

Turnout pants

Boots

Gloves

Protective hood



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INSTRUCTIONAL SKILLS

PPE FFI-1

Inspection of PPE

Trainee: _____

Department: _____

Trainee shall inspect personal protective clothing and recommend cleaning, repair, or replacement as needed.
(4.1.2)

Clothing – Coat and Pants	POSSIBLE POINTS	TEST	RETEST
a. Checks label for conformance with standard and care instructions	1		
b. Checks to ensure buckles and snaps function properly	1		
c. Checks to ensure that all liners are secure and in place	1		
d. Inspects Drag Rescue Device (DRD) (if applicable)	1		
e. Checks for tears	1		
f. Checks for worn areas	1		
g. Checks for cleanliness	1		
h. Checks wristlets	1		
i. Checks reflective trim	1		
j. Checks suspenders (if applicable)	1		
k. Verbally states whether clothing should be repaired, cleaned, or replaced based on Standard Operating Procedure	1		
TOTAL POINTS:	11		

Points needed to pass: 8

Helmet	POSSIBLE POINTS	TEST	RETEST
a. Checks label for conformance with standard and care instructions	1		
b. Checks shell for excessive wear or damage	1		
c. Checks components of impact system	1		
d. Checks chin strap for excessive wear or damage	1		
e. Checks eye protection for excessive wear or damage	1		
f. Checks ear flaps for excessive wear or damage	1		
g. Verbally states whether helmet should be repaired, cleaned, or replaced based on Standard Operating Procedure	1		
TOTAL POINTS:	7		

Points needed to pass: 5



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INSTRUCTIONAL SKILLS

Gloves	POSSIBLE POINTS	TEST	RETEST
a. Checks label for conformance with standard and care instructions	1		
b. Checks for excessive wear or damage	1		
c. Checks for flexibility and fit based on agency SOPs	1		
d. Verbally states whether gloves should be cleaned or replaced based on Standard Operating Procedure	1		
TOTAL POINTS:	4		

Points needed to pass: 3

Hood	POSSIBLE POINTS	TEST	RETEST
a. Checks label for conformance with standard and care instructions	1		
b. Checks for excessive wear or damage	1		
c. Checks for proper fit based on agency SOPs	1		
d. Verbally states whether hood should be cleaned or replaced based on Standard Operating Procedure	1		
TOTAL POINTS:	4		

Points needed to pass: 3

Boots	POSSIBLE POINTS	TEST	RETEST
a. Checks label for conformance with standard and care instructions	1		
b. Checks for excessive wear or damage	1		
c. Checks for cleanliness based on agency SOPs	1		
d. Checks for proper fit based on agency SOPs	1		
e. Verbally states whether boots should be cleaned or replaced based on Standard Operating Procedure	1		
TOTAL POINTS:	5		

Points needed to pass: 4

Inspection Frequency	POSSIBLE POINTS	TEST	RETEST
a. Verbally states when inspections should be performed	1		
b. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	2		

Points needed to pass: 2



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INSTRUCTIONAL SKILLS

Evaluator/Candidate Comments:

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INSTRUCTIONAL SKILLS

PPE FFI-2

Donning and Doffing of PPE

Subject: General

NFPA 1001 4.1.2

REFERENCE

The ability to don personal protective clothing, doff personal protective clothing and prepare for reuse, hoist tools and equipment using ropes and the correct knot, and locate information in departmental documents and standards or code material. (4.1.2)

OBJECTIVE

Trainee shall don personal protective clothing, doff personal protective clothing, and prepare for reuse.

INSTRUCTIONS - procedures for achieving the objective

You will be given a complete set of protective clothing (turnout coat, turnout pants, hood, gloves, helmet, and boots). You will be required to properly don the protective clothing. After you have donned the clothing, reverse the procedure to doff and place in ready state. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

Turnout coat
Turnout pants
Hood
Helmet
Gloves
Boots



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INSTRUCTIONAL SKILLS

PPE FFI-2

Donning and Doffing of PPE

Trainee: _____

Department: _____

Trainee shall don personal protective clothing, doff personal protective clothing, and prepare for reuse.
(4.1.2)

Turnout pants and boots	POSSIBLE POINTS	TEST	RETEST
a. Removes safety shoes	1		
b. Steps into turnout pants and boots one foot at a time	1		
c. Pulls pants up by waistband (not suspenders)	1		
d. Adjusts suspenders (if applicable)	1		
e. Fastens all snaps and buckles and secures Velcro (if present)	1		
TOTAL POINTS:	5		

Points needed to pass: 4

Turnout coat and protective hood	POSSIBLE POINTS	TEST	RETEST
a. Dons protective hood properly	1		
b. Dons turnout coat	1		
c. Fastens all snaps and buckles and secures Velcro (if present)	1		
d. Turns up collar	1		
TOTAL POINTS:	4		

Points needed to pass: 3

Helmet and gloves	POSSIBLE POINTS	TEST	RETEST
a. Dons helmet with earflaps down (adjusts chinstrap)	1		
b. Dons gloves	1		
TOTAL POINTS:	2		

Points needed to pass: 2

Doffing	POSSIBLE POINTS	TEST	RETEST
a. Doffs personal protective clothing and place in ready state	1		
TOTAL POINTS:	1		

Points needed to pass: 1



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INSTRUCTIONAL SKILLS

Overall	POSSIBLE POINTS	TEST	RETEST
a. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	1		

Points needed to pass: 1

Evaluator/Candidate Comments:

Instructor's Signature

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INSTRUCTIONAL SKILLS

RESCUE FFII-1

Manage Vehicle Extrication Hazards

Subject: Rescue Operations

NFPA 1001 5.4.1

REFERENCE

Extricate a victim entrapped in a motor vehicle as part of a team, given stabilization and extrication tools, so that the vehicle is stabilized, the victim disentangled without further injury, and hazards are managed. (5.4.1)

OBJECTIVE

Trainee, operating as part of a team, shall manage the hazards found on a vehicle extrication scene.

INSTRUCTIONS - procedures for achieving the objective

Operating as a team, you will demonstrate the following technique for extricating a victim entrapped in a motor vehicle; managing vehicle extrication hazards. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE

NFPA 1001 A.5.4.1 In the context of this standard, the term *extricate* refers to those activities required to allow emergency medical personnel access to the victim, stabilization of the vehicle, the displacement or removal of vehicle components obstructing victim removal, and the protection of the victim and response personnel from hazards associated with motor vehicle accidents and the use of hand and power tools on a motor vehicle.

PREPARATION & EQUIPMENT

Vehicle for extrication evolution

Hazards - battery, spilled fluid, leaks, etc. (may be simulated)

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

RESCUE FFII-1

Manage Vehicle Extrication Hazards

Trainee: _____

Department: _____

Trainee, operating as part of a team, shall manage the hazards found on a vehicle extrication scene. (5.4.1)			
	POSSIBLE POINTS	TEST	RETEST
a. Maintains team integrity	1		
b. Performs a size-up to identify safety hazards	1		
c. Determines the need for additional resources	1		
d. Identifies and controls traffic hazards	1		
e. Deploys 1½" or 1¾" hose for protection	1		
f. Identifies vehicle fuel type	1		
g. Chocks wheels to prevent vehicle movement	1		
h. Identifies air bag locations	1		
i. Ensures vehicle's gear selector is in "PARK" if possible	1		
j. Ensures vehicle ignition is turned off, if possible	1		
k. Disconnects battery, if possible	1		
l. Identifies other possible power sources (phone chargers, second battery, etc.)	1		
m. Identifies leaks and, if possible, controls leaks	1		
n. Manages spilled fluids creating extrication hazard	1		
o. Communicates identified hazards to team members	1		
p. Maintains situational awareness during skill	1		
q. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:		17	

Points needed to pass: 12

Evaluator/Candidate Comments:

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INSTRUCTIONAL SKILLS

ROPES FFI-1

Rope Inspection and Maintenance

Subject: Preparedness and Maintenance

NFPA 1001 4.5.1

REFERENCE

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

OBJECTIVE

Trainee shall inspect fire service rope, identify damage and describe the proper procedures for cleaning and storage.

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 begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

10-25 feet of rope (synthetic/natural)

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

ROPES FFI-1

Rope Inspection and Maintenance

Trainee: _____

Department: _____

Trainee shall inspect fire service rope, identify damage, and describe the proper procedures for cleaning and storage. (4.5.1)

	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 they would tag and remove from service any that does not pass inspection</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. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	8		

Points needed to pass: 5

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INSTRUCTIONAL SKILLS

ROPES FFI-2

Tying a Bowline Knot to Hoist a Smoke Ejector or Chain Saw

Subject: Fireground Operations

NFPA 1001 4.3.20

REFERENCE

Tie a knot appropriate for hoisting tool, given personnel protective equipment, tools, ropes, and assignment, so that the knots used are appropriate for hoisting tools securely and as directed. (4.3.20)

OBJECTIVE

Trainee shall tie a bowline knot with a safety on a smoke ejector and chain saw in preparation for hoisting. The trainee shall also describe five (5) potential elements of rope degradation and identify the working, standing, and running sections of the rope.

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 or chain saw. 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. The skill will begin on my instruction to start. The skill will end when you state you have completed all the steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

Adequate length of rope (synthetic/natural)

Smoke ejector Chain saw

PPE appropriate for the skill.



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INSTRUCTIONAL SKILLS

ROPES FFI-2

Tying a Bowline Knot to Hoist a Smoke Ejector or Chain Saw

Trainee: _____

Department: _____

Trainee shall tie a bowline knot with a safety on a smoke ejector and chain saw in preparation for hoisting. The trainee shall also describe five (5) potential elements of rope degradation and identify the working, standing, and running sections of the rope. (4.3.20)

Smoke Ejector	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. Correctly measures rope for desired size	1		
c. Ties bowline on a smoke ejector in preparation for hoisting	1		
d. Ties safety to loop	1		
e. <i>Verbally identifies the working, standing, and running sections</i>	1		
f. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	6		

Points needed to pass: 4

Chain Saw	POSSIBLE POINTS	TEST	RETEST
a. Inspects rope for damage and <i>verbalizes at least 5 elements of rope degradation</i>	1		
b. Correctly measures rope for desired size	1		
c. Ties bowline on a chain saw in preparation for hoisting	1		
d. Ties safety to loop	1		
e. <i>Verbally identifies the working, standing, and running sections</i>	1		
f. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	6		

Points needed to pass: 4

Evaluator/Candidate Comments:



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INSTRUCTIONAL SKILLS

ROPES FFI-3

Tying a Figure Eight on a Bight, Ends Alike to Hoist a Ladder

Subject: Fireground Operations

NFPA 1001 4.3.20

REFERENCE

Tie a knot appropriate for hoisting tool, given personnel protective equipment, tools, ropes, and assignment, so that the knots used are appropriate for hoisting tools securely and as directed. (4.3.20)

OBJECTIVE

Trainee shall tie a figure eight on a bight in preparation for hoisting a ladder. The trainee shall also describe five (5) potential elements of rope degradation and identify the working, standing, and running sections of the rope.

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. The skill will begin on my instruction to start. The skill will end when you state you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

1 single section of ladder

An adequate length of rope

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

ROPES FFI-3

Tying a Figure Eight on a Bight, Ends Alike to Hoist a Ladder

Trainee: _____

Department: _____

Trainee shall tie a figure eight on a bight in preparation for hoisting a ladder. The trainee shall also describe five (5) potential elements of rope degradation and identify the working, standing, and running sections of the rope. (4.3.20)

	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. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	6		

Points needed to pass: 4

Evaluator/Candidate Comments:

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Date



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INSTRUCTIONAL SKILLS

ROPES FFI-4

Tying a Clove Hitch to Hoist a Charged and Uncharged Hose Line

Subject: Fireground Operations

NFPA 1001 4.3.20

REFERENCE

Tie a knot appropriate for hoisting tool, given personnel protective equipment, tools, ropes, and assignment, so that the knots used are appropriate for hoisting tools securely and as directed. (4.3.20)

OBJECTIVE

Trainee shall tie a clove hitch and a half hitch to hoist a charged and uncharged hose line. The trainee shall also describe five (5) potential elements of rope degradation and identify the working, standing, and running sections of the rope.

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 clove hitch and half hitches on a charged or uncharged hose line. 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. The skill will begin on my instruction to start. The skill will end when you state you have completed the skill. Do you understand these instructions?

PREPARATION & EQUIPMENT

Adequate length of rope (synthetic/natural)

Charged hose line with nozzle

Uncharged hose line with nozzle PPE appropriate for the skill.



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INSTRUCTIONAL SKILLS

ROPES FFI-4

Tying a Clove Hitch to Hoist a Charged and Uncharged Hose Line

Trainee: _____

Department: _____

Trainee shall tie a clove hitch and a half hitch to hoist a charged and uncharged hose line. The trainee shall also describe five (5) potential elements of rope degradation and identify the working, standing, and running sections of the rope. (4.3.20)

Uncharged Hose Line	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. Correctly measures rope for desired size	1		
c. Folds the nozzle end back over the hose line creating a 4'-5' bight	1		
d. Ties a clove hitch around the tip of the nozzle and hose it is folded against	1		
e. Ties an overhand safety	1		
f. Ties a half hitch on the doubled hose about 1' from the loop end	1		
g. <i>Verbally identifies the working, standing, and running sections</i>	1		
h. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	8		

Points needed to pass: 6

Charged Hose Line	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. Correctly measures rope for desired size	1		
c. Ties a clove hitch on the hose about 1' below the nozzle	1		
d. Ties an overhand safety	1		
e. Passes a bight through the bail and around the handle	1		
f. Ties a half hitch around the nozzle tip	1		
g. <i>Verbally identifies the working, standing, and running sections</i>	1		
h. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	8		

Points needed to pass: 6



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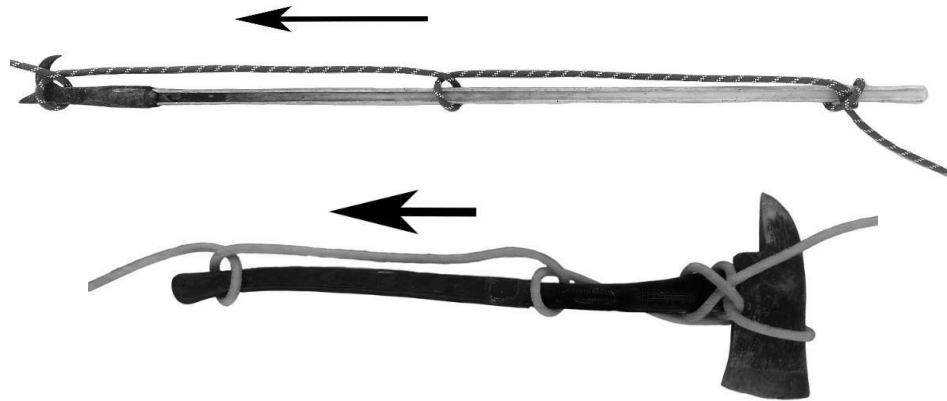
INSTRUCTIONAL SKILLS

ROPES FFI-5

Tying Clove Hitch to Hoist a Pike Pole or Axe

Subject: Fireground Operations

NFPA 1001 4.3.20



REFERENCE

Tie a knot appropriate for hoisting tool, given personnel protective equipment, tools, ropes, and assignment, so that the knots used are appropriate for hoisting tools securely and as directed. (4.3.20)

OBJECTIVE

Trainee shall tie a clove hitch and a half hitch on a pike pole and axe in preparation for hoisting. The trainee shall also describe five (5) potential elements of rope degradation and identify the working, standing, and running sections of the rope.

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 clove hitch and half hitches on a pike pole or axe. 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. The skill will begin on my instruction to start. The skill will end when you state that you have completed the skill. Do you understand these instructions?

PREPARATION & EQUIPMENT

Adequate length of rope (synthetic/natural)

Pike Pole

Axe

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

ROPES FFI-5

Tying Clove Hitch to Hoist a Pike Pole or Axe

Trainee: _____

Department: _____

Trainee shall tie a clove hitch and a half hitch on a pike pole and axe in preparation for hoisting. The trainee shall also describe five (5) potential elements of rope degradation and identify the working, standing, and running sections of the rope. (4.3.20)

Pike Pole	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. Correctly measures rope for desired size	1		
c. Ties a clove hitch on the handle of the pike pole leaving enough excess running end to be used as a tagline	1		
d. Ties two more half hitches working towards the pike hook	1		
e. <i>Verbally identifies the working, standing, and running sections</i>	1		
f. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	6		

Points needed to pass: 4

Axe	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. Correctly measures rope for desired size	1		
c. Ties a clove hitch on the handle of the axe near the axe head leaving enough excess running end to be used as a tagline	1		
d. Wraps the rope around the axe head and ties two half hitches working away from the axe head	1		
e. <i>Verbally identifies the working, standing, and running sections</i>	1		
f. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	6		

Points needed to pass: 4

Evaluator/Candidate Comments:



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INSTRUCTIONAL SKILLS

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

SEARCH AND RESCUE FFI-1

Rescue of a Firefighter with Functioning Respiratory Protection

Subject: Fireground Operations

NFPA 1001 4.3.9

REFERENCE

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

OBJECTIVE

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

INSTRUCTIONS -- procedures for achieving the objective

You and a designated team member shall enter a perceived IDLH atmosphere and conduct search and rescue for a downed firefighter with functioning respiratory protection. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

Self-Contained Breathing Apparatus

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

SEARCH AND RESCUE FFI-1

Rescue of a Firefighter with Functioning Respiratory Protection

Trainee: _____

Department: _____

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

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

Points needed to pass: 5

Evaluator/Candidate Comments:

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INSTRUCTIONAL SKILLS

SEARCH AND RESCUE FFI-2

Rescue of a Firefighter with Non-Functioning Respiratory Protection

Subject: Fireground Operations

NFPA 1001 4.3.9

REFERENCE

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

OBJECTIVE

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

INSTRUCTIONS -- procedures for achieving the objective

You and a designated team member shall enter a perceived IDLH atmosphere and conduct search and rescue for a downed firefighter with non-functioning respiratory protection. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these Instructions?

PREPARATION & EQUIPMENT

Self-Contained Breathing Apparatus

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

SEARCH AND RESCUE FFI-2

Rescue of a Firefighter with Non-Functioning Respiratory Protection

Trainee: _____

Department: _____

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

	POSSIBLE POINTS	TEST	RETEST
a. Verbalizes that all areas will be assessed to determine tenability	1		
b. Searches for downed firefighter	1		
c. Locates downed firefighter	1		
d. Rescues a firefighter with non-functioning respiratory protection	1		
e. Communicates effectively with team member(s)	1		
f. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	6		

Points needed to pass: 4

Evaluator/Candidate Comments:

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INSTRUCTIONAL SKILLS

SEARCH AND RESCUE FFI-3

Conduct a Primary and Secondary Search

Subject: Fireground Operations

NFPA 1001 4.3.9

REFERENCE

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

OBJECTIVE

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

INSTRUCTIONS - procedures for achieving the objective

You and a designated team member shall enter a hostile environment and conduct a primary and secondary search for victim(s), both with and without a rope or hoseline. You will be required to both verbalize key steps and complete mandatory steps while performing this skill. You will begin on my instruction to start. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE

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

PREPARATION & EQUIPMENT

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

1 - 50 ft. rope

Various forcible entry hand tools

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



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INSTRUCTIONAL SKILLS

SEARCH AND RESCUE FFI-3

Conduct a Primary and Secondary Search

Trainee: _____

Department: _____

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

With a rope or hose line:	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		
TOTAL POINTS:	9		

Points needed to pass: 6

Without a rope or hoseline:	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		
TOTAL POINTS:	9		

Points needed to pass: 6

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INSTRUCTIONAL SKILLS

SEARCH AND RESCUE FFI-4

Removing Victims from Hazardous Environments

Subject: Fireground Operations

NFPA 1001 4.3.9

REFERENCE

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

OBJECTIVE

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

INSTRUCTIONS - procedures for achieving the objective

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

PREPARATION & EQUIPMENT

Blanket

Bunker coat

Stretcher or backboard

Individual or rescue mannequin

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



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INSTRUCTIONAL SKILLS

SEARCH AND RESCUE FFI-4

Removing Victims from Hazardous Environments

Trainee: _____

Department: _____

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

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

Points needed to pass: 3

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

Points needed to pass: 2

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

Points needed to pass: 4



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INSTRUCTIONAL SKILLS

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INSTRUCTIONAL SKILLS

SAFETY FFI-1

Reporting a Mayday

Subject: Fire Department Communications

NFPA 1001 4.2.4

REFERENCE

Activate an emergency call for assistance, given vision-obscured conditions, PPE, and department SOPs, so that the firefighter can be located and rescued. (4.2.4)

OBJECTIVE

Trainee shall activate an emergency call for assistance so that the firefighter can be located and rescued.

INSTRUCTIONS - procedures for achieving the objective

Given a hazardous environment in which you are trapped, lost or disoriented, you will demonstrate the technique for reporting a "Mayday" and activating your PASS alarm while wearing full protective clothing and with your vision obscured. 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

Fire department radio

SCBA with PASS alarm

Department SOPs

Flashlight

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

SAFETY FFI-1

Reporting a Mayday

Trainee: _____

Department: _____

Trainee shall activate an emergency call for assistance so that the firefighter can be located and rescued.
(4.2.4)

	POSSIBLE POINTS	TEST	RETEST
a. Recognizes situation that would necessitate a Mayday call	1		
b. Remains calm	1		
c. Follows AHJ radio procedure for reporting a Mayday	1		
d. Manually activates PASS alarm	1		
e. Conserves breathing air while waiting for rescue	1		
f. Evaluates area for hazards	1		
g. Uses tools to make additional noises for rescuers to follow	1		
h. Points flashlight toward ceiling if applicable	1		
i. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	8		

Points needed to pass: 6

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

SAFETY FFI-2

Following a Hoseline to Safety

Subject: Fireground Operations

NFPA 1001 4.3.5

REFERENCE

Exit a hazardous area as a team, given vision-obscured conditions, so that a safe haven is found before exhausting the air supply, others are not endangered, and the team integrity is maintained. (4.3.5)

OBJECTIVE

Trainee, operating as a team member, shall exit a hazardous area by following a hoseline to a safe haven before exhausting the air supply.

INSTRUCTIONS - procedures for achieving the objective

Given a hazardous environment in which your vision is obscured and you are trapped, lost or disoriented, you will follow a hoseline to locate a safe haven while wearing full protective clothing. 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

Charged hoseline

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

SAFETY FFI-2

Following a Hoseline to Safety

Trainee: _____

Department: _____

Trainee, operating as a team member, shall exit a hazardous area by following a hoseline to a safe haven before exhausting the air supply. (4.3.5)

	POSSIBLE POINTS	TEST	RETEST
a. Remains calm	1		
b. Locates hoseline	1		
c. Locates a coupling on the hoseline	1		
d. Feels coupling to determine direction away from the fire	1		
e. Locates a safe haven	1		
f. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	6		

Points needed to pass: 4

Evaluator/Candidate Comments:

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INSTRUCTIONAL SKILLS

SAFETY FFI-3

Following a Wall to Safety

Subject: Fireground Operations

NFPA 1001 4.3.5

REFERENCE

Exit a hazardous area as a team, given vision-obscured conditions, so that a safe haven is found before exhausting the air supply, others are not endangered, and the team integrity is maintained. (4.3.5)

OBJECTIVE

Trainee, operating as a team member, shall exit a hazardous area by following a wall to a safe haven before exhausting the air supply.

INSTRUCTIONS - procedures for achieving the objective

Given a hazardous environment in which your vision is obscured and you are trapped, lost or disoriented, you will follow a wall to locate a safe haven while wearing full protective clothing. 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

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

SAFETY FFI-3

Following a Wall to Safety

Trainee: _____

Department: _____

Trainee, operating as a team member, shall exit a hazardous area by following a wall to a safe haven before exhausting the air supply. (4.3.5)

	POSSIBLE POINTS	TEST	RETEST
a. Remains calm	1		
b. Locates wall	1		
c. Follows wall and makes all turns in same direction	1		
d. Sweeps wall for opening (windows and doors)	1		
e. Locates a safe haven	1		
f. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	6		

Points needed to pass: 4

Evaluator/Candidate Comments:

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INSTRUCTIONAL SKILLS

SAFETY FFI-4

Terminating Utility Service

Subject: Fireground Operations

NFPA 1001 4.3.18

REFERENCE

Turn off building utilities, given tools and an assignment, so that the assignment is safely completed. (4.3.18)

OBJECTIVE

Trainee shall safely turn off building utilities including water, electricity, natural gas and propane.

INSTRUCTIONS - procedures for achieving the objective

You will be given a choice of required tools. Utilizing these tools, demonstrate locating the proper shutoff locations and shut off the valves or control devices for gas, water, and electric service to a building. 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

Building utility props

Water meter key

Gas meter key

Spanner wrench

Adjustable wrench

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

SAFETY FFI-4

Terminating Utility Service

Trainee: _____

Department: _____

Trainee shall safely turn off building utilities including water, electricity, natural gas and propane. (4.3.18)

Water	POSSIBLE POINTS	TEST	RETEST
a. Chooses the correct tool(s)	1		
b. Completely turns off the water meter using required safety equipment	1		
c. Confirms that the valve is shut off	1		
d. Performs the skill in a safe and proficient manner	1		
TOTAL POINTS:	4		

Points needed to pass: 3

Electricity	POSSIBLE POINTS	TEST	RETEST
a. Indicates that power should be disconnected by a utility company	1		
b. Shuts off main breakers using required safety equipment	1		
c. <i>States that meter should not be pulled</i>	1		
d. <i>States that utilities should not be restored by the fire department; uses utility company</i>	1		
e. Performs the skill in a safe and proficient manner	1		
TOTAL POINTS:	5		

Points needed to pass: 4

Gas meter	POSSIBLE POINTS	TEST	RETEST
a. <i>States that if gas is burning, the fire should not be extinguished</i>	1		
b. Chooses correct tool(s)	1		
c. Completely turns off meter using required safety equipment	1		
d. Confirms that valve is shut off	1		
e. Performs the skill in a safe and proficient manner	1		
TOTAL POINTS:	5		

Points needed to pass: 4



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INSTRUCTIONAL SKILLS

Trainee shall safely turn off building utilities including water, electricity, natural gas and propane. (4.3.18)			
Propane Tank	POSSIBLE POINTS	TEST	RETEST
a. States that if gas is burning, the fire should not be extinguished	1		
b. States that a handline should be advanced to center of tank around valve area if exposed to fire	1		
c. Completely turns off valve using required safety equipment	1		
d. Performs the skill in a safe and proficient manner	1		
TOTAL POINTS:	4		

Points needed to pass: 3

Evaluator/Candidate Comments:

Instructor's Signature

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INSTRUCTIONAL SKILLS

SAFETY FFI-5

Set Up Emergency Lighting for Fire Ground Operation

Subject: Fireground Operations

NFPA 1001 4.3.17

REFERENCE

Illuminate the emergency scene, given fire service electrical equipment and an assignment, so that designated areas are illuminated and all equipment is operated within the manufacturer's listed safety precautions. (4.3.17)

OBJECTIVE

Trainee shall set up emergency lighting to illuminate the emergency scene.

INSTRUCTIONS - procedures for achieving the objective

Given a portable power or mounted power plant with lights, cords, and connectors, you shall set up and operate lighting equipment to illuminate a simulated fireground. You will identify and verbally describe the safety procedures to be observed when using fire service lighting equipment. You will identify at least three potential safety hazards when working with electricity on the fireground. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

Portable or mounted power supply

Lights

Electrical cords

Connectors

Ground-fault interrupter (GFI)

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

SAFETY FFI-5

Set Up Emergency Lighting for Fire Ground Operation

Trainee: _____

Department: _____

Trainee shall set up emergency lighting to illuminate the emergency scene. (4.3.17)			
	POSSIBLE POINTS	TEST	RETEST
a. Inspects equipment for damage	1		
b. Operates department power supply and lighting equipment	1		
c. Deploys cords and connectors	1		
d. Identifies three possible hazards when setting up equipment	1		
e. Resets ground-fault interrupter devices	1		
f. Locates lights for best effect	1		
g. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:	7		

Points needed to pass: 5

Evaluator/Candidate Comments:

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INSTRUCTIONAL SKILLS

SAFETY FFI-6

Use of Safety Equipment While Riding on Fire Apparatus

Subject: Fireground Operations

NFPA 1001 4.3.2

REFERENCE

Respond on apparatus to an emergency scene, given personal protective clothing and other necessary personal protective equipment, so that the apparatus is correctly mounted and dismounted, seat belts are used while the vehicle is in motion, and other personal protective equipment is correctly used.
(4.3.2)

OBJECTIVE

Trainee shall properly use safety equipment while responding on apparatus to an emergency scene.

INSTRUCTIONS - procedures for achieving the objective

You shall don personal protective equipment, mount the apparatus and properly use all safety devices as required by the procedures or rules according to AHJ. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

Firefighter protective clothing

Fire apparatus

Hearing protection

Seat mounted SCBA (if applicable, according to AHJ)

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

SAFETY FFI-6

Use of Safety Equipment While Riding on Fire Apparatus

Trainee: _____

Department: _____

Trainee shall properly use safety equipment while responding on apparatus to an emergency scene. (4.3.2)			
	POSSIBLE POINTS	TEST	RETEST
a. Dons personal protective equipment*	1		
b. Uses proper safety devices when mounting apparatus	1		
c. Is properly seated with seat belt fastened	1		
d. Secures all safety bars, door, and/or chains	1		
e. Wears hearing protection	1		
f. Uses proper safety devices when dismounting apparatus	1		
g. Performs the skill in a safe and proficient manner	1		
TOTAL POINTS:	7		

*May include donning SCBA using seat mounted method, if applicable, according to AHJ.

Points needed to pass: 5

U = Unsatisfactorily performed/failed to meet objective or grading step

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

SAFETY FFI-7

Safely Working in Protected Areas

Subject: Fireground Operations

NFPA 1001 4.3.3

REFERENCE

Establish and operate in work areas at emergency scenes, given protective equipment, traffic and scene control devices, structure fire and roadway emergency scenes, traffic hazards and downed electrical wires, and assignment, and SOPs, so that procedures are followed, protective equipment is worn, protected work areas are established as directed using traffic and scene control devices, and the firefighter performs assigned tasks only in established, protected work areas. (4.3.3)

OBJECTIVE

Trainee shall safely dismount an apparatus, then establish and work in a protected area.

INSTRUCTIONS - procedures for achieving the objective

Given a fire apparatus, dismount and remove equipment from the compartments of the apparatus at a simulated emergency scene. You will establish a protected work area per AHJ. 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 the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

Fire apparatus

Traffic and scene control devices

Miscellaneous tools and equipment

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

SAFETY FFI-7

Safely Working in Protected Areas

Trainee: _____

Department: _____

Trainee shall safety dismount an apparatus, then establish and work in a protected area. (4.3.3)			
	POSSIBLE POINTS	TEST	RETEST
a. Uses personal protective equipment	1		
b. Dismounts apparatus	1		
c. Deploys traffic and scene control devices per AHJ	1		
d. Operates in the protected work areas per AHJ	1		
e. Removes traffic and scene control devices per AHJ	1		
f. Performs the skill in a safe and proficient manner	1		
TOTAL POINTS:	6		

Points needed to pass: 4

Evaluator/Candidate Comments:

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INSTRUCTIONAL SKILLS

SAFETY FFI-8

Operating an Air-Monitoring Instrument

Subject: Fireground Operations

NFPA 1001 4.3.21

REFERENCE

Operate an air-monitoring instrument, given an air monitor and an assignment or task, so that the device is operated and the firefighter recognizes the high- or low-level alarms of the air monitor and takes action to mitigate the hazard. (4.3.21)

OBJECTIVE

Trainee shall operate an air-monitoring instrument and recognize the high- or low- level alarms of the air monitor and take action to mitigate the hazard.

INSTRUCTIONS - procedures for achieving the objective

Given either single gas or multi-gas air monitoring instrument(s), you will demonstrate the procedures for placing the instrument(s) into service and verifying their calibration. You will also demonstrate how to use each air monitoring instrument provided. You will identify any high or low-level alarm that may activate and report their meaning and identify the appropriate mitigation actions that is required to the Skills Examiner. You will begin on my instructions to start. The skill will end when you state or indicate to me that you have completed all the identified steps. Do you understand these instructions?

1. Air monitoring instruments/equipment provided by the AHJ* that may include:
 - a. Carbon monoxide monitor**
 - b. Combustible gas indicator – Lower Explosive Limit (LEL Monitor) **
 - c. Oxygen monitor**
 - d. Gas specific monitor**
 - e. Photoionization detector (PID)**
2. Other instruments/equipment provided by AHJ

*This skill may be performed with either actual air monitoring instruments/equipment or by the use of air monitoring training simulators.

**These may be single gas air monitoring instrument(s) or a component of a multi-gas air monitoring instrument/device.

Note: the two (2) most common air monitoring devices used in the fire service today are four (4) gas multi-gas monitors and five (5) gas multi-gas monitors that include a photoionization detector (PID) to measure volatile organic chemicals (VOC).



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INSTRUCTIONAL SKILLS

Four (4) gas multi-gas monitors typically include sensors that detect:

1. Oxygen (O_2)
2. Carbon Monoxide (CO)
3. A specific chemical hazard of importance to the AHJ (i.e. Hydrogen Sulfide (H_2S) or Sulfur Dioxide (SO_2))
4. Combustible Gas/LEL Monitor

Five (5) gas multi-gas monitors typically include sensors that detect:

1. Oxygen (O_2)
2. Carbon Monoxide (CO)
3. A specific chemical hazard of importance to the AHJ (i.e., Hydrogen Sulfide (H_2S) or Sulfur Dioxide (SO_2))
4. Combustible Gas/LEL Monitor
 - a. Volatile Organic Chemicals (VOC).



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INSTRUCTIONAL SKILLS

SAFETY FFI-8

Operating an Air-Monitoring Instrument

Trainee: _____

Department: _____

Trainee, given an air monitor and an assignment or task, shall operate an air-monitoring instrument, so that the device is operated and the trainee recognizes the high- or low-level alarms of the air monitor and takes action to mitigate the hazard. (4.3.21)

	POSSIBLE POINTS	TEST	RETEST
a. Places the instrument(s) into service.	1		
b. Verifies the calibration of the instrument(s).	1		
c. Demonstrate how to use the air monitoring instrument provided.	1		
d. Identifies and records instrument readings.	1		
e. Identifies any high or low level alarm that activate.	1		
f. Correctly reports the meaning of any alarms.	1		
g. Identifies the appropriate mitigation actions required.	1		
h. Performs skill in a safe and proficient manner, per AHJ.	1		
TOTAL POINTS:	8		

Points needed to pass: 6

Evaluator/Candidate Comments:

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INSTRUCTIONAL SKILLS

SALVAGE FFI-1

Cleaning and Inspecting Salvage Covers

Subject: Preparedness and Maintenance

NFPA 1001 4.5.1

REFERENCE

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

OBJECTIVE

Trainee shall inspect and clean a salvage cover.

INSTRUCTIONS - procedures for achieving the objective

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

PREPARATION & EQUIPMENT

Salvage cover

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

SALVAGE FFI-1

Cleaning and Inspecting Salvage Covers

Trainee: _____

Department: _____

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

Points needed to pass: 4

Evaluator/Candidate Comments:

Instructor's Signature

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INSTRUCTIONAL SKILLS

SALVAGE FFI-2

Construction of a Water Chute

Subject: Fireground Operations

NFPA 1001 4.3.14

REFERENCE

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

OBJECTIVE

Trainee shall construct a water chute.

INSTRUCTIONS - procedures for achieving the objective

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

PREPARATION & EQUIPMENT

Salvage cover

Pike poles

Ladder

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

SALVAGE FFI-2

Construction of a Water Chute

Trainee: _____

Department: _____

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

Points needed to pass: 5

Evaluator/Candidate Comments:

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INSTRUCTIONAL SKILLS

SALVAGE FFI-3

One-Firefighter Salvage Cover Roll Deployment

Subject: Fireground Operations

NFPA 1001 4.3.14

REFERENCE

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

OBJECTIVE

Trainee shall perform a one-firefighter salvage cover roll.

INSTRUCTIONS - procedures for achieving the objective

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

PREPARATION & EQUIPMENT

Salvage cover

Furniture or similar items

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

SALVAGE FFI-3

One-Firefighter Salvage Cover Roll Deployment

Trainee: _____

Department: _____

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

Points needed to pass: 4

Evaluator/Candidate Comments:

Instructor's Signature

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INSTRUCTIONAL SKILLS

SALVAGE FFI-4

Salvage Cover Fold

Subject: Fireground Operations

NFPA 1001 4.3.14

REFERENCE

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

OBJECTIVE

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

INSTRUCTIONS - procedures for achieving the objective

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

PREPARATION & EQUIPMENT

Salvage cover

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

SALVAGE FFI-4

Salvage Cover Fold

Trainee: _____

Department: _____

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

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

Points needed to pass: 4

Evaluator/Candidate Comments:

Instructor's Signature

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INSTRUCTIONAL SKILLS

SALVAGE FFI-5

Salvage Cover Roll

Subject: Fireground Operations

NFPA 1001 4.3.14

REFERENCE

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

OBJECTIVE

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

INSTRUCTIONS - procedures for achieving the objective

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

PREPARATION & EQUIPMENT

Salvage cover

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

SALVAGE FFI-5

Salvage Cover Roll

Trainee: _____

Department: _____

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

Points needed to pass: 4

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

SALVAGE FFI-6

One-Firefighter Salvage Cover Spread

Subject: Fireground Operations

NFPA 1001 4.3.14

REFERENCE

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

OBJECTIVE

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

INSTRUCTIONS - procedures for achieving the objective

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

PREPARATION & EQUIPMENT

Salvage cover

Furniture or similar items

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

SALVAGE FFI-6

One-Firefighter Salvage Cover Spread

Trainee: _____

Department: _____

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

Points needed to pass: 4

Evaluator/Candidate Comments:

Instructor's Signature

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INSTRUCTIONAL SKILLS

SALVAGE FFI-7

Two-Firefighter Salvage Cover Spread

Subject: Fireground Operations

NFPA 1001 4.3.14

REFERENCE

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

OBJECTIVE

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

INSTRUCTIONS - procedures for achieving the objective

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

PREPARATION & EQUIPMENT

Salvage cover

Furniture or similar items

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

SALVAGE FFI-7

Two-Firefighter Salvage Cover Spread

Trainee: _____

Department: _____

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

Points needed to pass: 6

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

SALVAGE FFI-8

Debris Removal

Subject: Fireground Operations

NFPA 1001 4.3.14

REFERENCE

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

OBJECTIVE

Trainee shall remove debris and charred material.

INSTRUCTIONS - procedures for achieving the objective

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

PREPARATION & EQUIPMENT

Pumper apparatus

Salvage covers

Assorted hand tools

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

SALVAGE FFI-8

Debris Removal

Trainee: _____

Department: _____

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

Points needed to pass: 4

Evaluator/Candidate Comments:

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INSTRUCTIONAL SKILLS

SALVAGE FFI-9

Covering an Opening in a Structure

Subject: Fireground Operations

NFPA 1001 4.3.14

REFERENCE

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

OBJECTIVE

Trainee shall cover an opening to secure a structure.

INSTRUCTIONS - procedures for achieving the objective

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

PREPARATION & EQUIPMENT

Hammer

Nails, assortment

Plywood

Heavy plastic

Roofing/tar paper

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

SALVAGE FFI-9

Covering an Opening in a Structure

Trainee: _____

Department: _____

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

Points needed to pass: 3

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

Points needed to pass: 3

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

Points needed to pass: 3

Evaluator/Candidate Comments:



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INSTRUCTIONAL SKILLS

Instructor's Signature

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INSTRUCTIONAL SKILLS

SALVAGE FFI-10

Construction of a Catch All

Subject: Fireground Operations

NFPA 1001 4.3.14

REFERENCE

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

OBJECTIVE

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

INSTRUCTIONS - procedures for achieving the objective

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

PREPARATION & EQUIPMENT

Salvage cover

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

SALVAGE FFI-10

Construction of a Catch All

Trainee: _____

Department: _____

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

Points needed to pass: 6

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

SCBA FFI-1

Replacing a Spent SCBA Cylinder

Subject: Fireground Operations

NFPA 1001 4.3.1, 4.5.1

REFERENCE

Use self-contained breathing apparatus (SCBA) during emergency operations, given SCBA and other personal protective equipment, so that the SCBA is correctly donned, the SCBA is correctly worn, controlled breathing techniques are used, emergency procedures are enacted if the SCBA fails, all low-air warnings are recognized, respiratory protection is not intentionally compromised, and hazardous areas are exited prior to air depletion. (4.3.1)

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

OBJECTIVE

Trainee shall replace a spent SCBA cylinder.

INSTRUCTIONS - procedures for achieving the objective

You will be given an SCBA with a spent cylinder and will be required to demonstrate the proper procedure for replacing it. You shall verbalize the PSI. The skill will begin on my instruction to start. This skill will end when you state to me that you are finished with this skill. Do you understand these instructions?

PREPARATION & EQUIPMENT

Self-Contained Breathing Apparatus

Extra cylinder

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

SCBA FFI-1

Replacing a Spent SCBA Cylinder

Trainee: _____

Department: _____

Trainee shall replace a spent SCBA cylinder. (4.3.1, 4.5.1)			
	POSSIBLE POINTS	TEST	RETEST
a. Places SCBA on a flat surface	1		
b. Turns off cylinder valve	1		
c. Opens purge valve to bleed off the air pressure	1		
d. Disconnects the high pressure hose from cylinder	1		
e. Releases cylinder from backpack and removes cylinder	1		
f. Places and secures a full cylinder into the backpack	1		
g. Inspects the "O" ring in the high pressure hose connection	1		
h. Connects high pressure hose to the cylinder	1		
i. Opens the cylinder valve and checks remote gauge reading (<i>verbalizes PSI</i>).	1		
j. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:		10	

Points needed to pass: 7

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

SCBA FFI-2

Operational Inspection of SCBA and PASS Device

Subject: Preparedness and Maintenance

NFPA 1001 4.5.1

REFERENCE

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

OBJECTIVE

Trainee shall inspect an SCBA and PASS device.

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. The skill will begin on my instruction to start. This skill will end when you state that you are finished with this skill. Do you understand these instructions?

PREPARATION & EQUIPMENT

Self-Contained Breathing Apparatus

PASS Device

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

SCBA FFI-2

Operational Inspection of SCBA and PASS Device

Trainee: _____

Department: _____

Trainee shall inspect an SCBA and PASS device. (4.5.1)			
	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 checks 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</i> , as per AHJ	1		
m. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	13		

Points needed to pass: 9

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

SCBA FFI-3

Cleaning and Sanitizing SCBA

Subject: Preparedness and Maintenance

NFPA 1001 4.5.1

REFERENCE

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

OBJECTIVE

Trainee shall clean and sanitize an SCBA.

INSTRUCTIONS - procedures for achieving the objective

You will be given an SCBA to clean and sanitize. The skill will begin on my instruction to start. This skill will end when you state that you are finished with this skill. Do you understand these instructions?

PREPARATION & EQUIPMENT

Self-Contained Breathing Apparatus

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

SCBA FFI-3

Cleaning and Sanitizing SCBA

Trainee: _____

Department: _____

Trainee shall clean and sanitize an SCBA. (4.5.1)			
	POSSIBLE POINTS	TEST	RETEST
a. Cleans unit with soap and water per manufacturer's recommendations	1		
b. Does not allow water to get into regulator assembly or electronics	1		
c. Disinfects face piece with cleaner/sanitizer per manufacturer's recommendations	1		
d. Cleans and dries unit using proper procedures	1		
e. Closes cylinder valve and relieves pressure and properly checks low pressure alarm	1		
f. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:		6	

Points needed to pass: 4

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

SCBA FFI-4

Donning Breathing Apparatus Using the Coat Method

Subject: Fireground Operations

NFPA 1001 4.3.1

REFERENCE

Use self-contained breathing apparatus (SCBA) during emergency operations, given SCBA and other personal protective equipment, so that the SCBA is correctly donned, the SCBA is correctly worn, controlled breathing techniques are used, emergency procedures are enacted if the SCBA fails, all low-air warnings are recognized, respiratory protection is not intentionally compromised, and hazardous areas are exited prior to air depletion. (4.3.1)

OBJECTIVE

Trainee shall don an SCBA using the Coat Method.

INSTRUCTIONS - procedures for achieving the objective

With the Self-Contained Breathing Apparatus (SCBA) lying 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 will begin on my instruction to start. The skill 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

Personal Alert Safety System

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

SCBA FFI-4

Donning Breathing Apparatus Using the Coat Method

Trainee: _____

Department: _____

Trainee shall don an SCBA using the Coat Method. (4.3.1)			
	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 coat method	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. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:		10	

Points needed to pass: 7

Evaluator/Candidate Comments:

Instructor's Signature

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INSTRUCTIONAL SKILLS

SCBA FFI-5

Donning Breathing Apparatus Using the Over the Head Method

Subject: Fireground Operations

NFPA 1001 4.3.1

REFERENCE

Use self-contained breathing apparatus (SCBA) during emergency operations, given SCBA and other personal protective equipment, so that the SCBA is correctly donned, the SCBA is correctly worn, controlled breathing techniques are used, emergency procedures are enacted if the SCBA fails, all low-air warnings are recognized, respiratory protection is not intentionally compromised, and hazardous areas are exited prior to air depletion. (4.3.1)

OBJECTIVE

Trainee shall don an SCBA using the Over the Head Method.

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 will begin on my instruction to start. The skill 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?

PREPARATION & EQUIPMENT

Self-Contained Breathing Apparatus

Personal Alert Safety System

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

SCBA FFI-5

Donning Breathing Apparatus Using the Over the Head Method

Trainee: _____

Department: _____

Trainee shall don an SCBA using the Over the Head Method. (4.3.1)			
	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. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	10		

Points needed to pass: 7

Evaluator/Candidate Comments:

Instructor's Signature

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INSTRUCTIONAL SKILLS

SCBA FFI-6

Skip-Breathing

Subject: Fireground Operations

NFPA 1001 4.3.1, 4.3.5

REFERENCE

Use self-contained breathing apparatus (SCBA) during emergency operations, given SCBA and other personal protective equipment, so that the SCBA is correctly donned, the SCBA is correctly worn, controlled breathing techniques are used, emergency procedures are enacted if the SCBA fails, all low-air warnings are recognized, respiratory protection is not intentionally compromised, and hazardous areas are exited prior to air depletion. (4.3.1)

Exit a hazardous area as a team, given vision-obscured conditions, so that a safe haven is found before exhausting the air supply, others are not endangered, and the team integrity is maintained. (4.3.5)

OBJECTIVE

Trainee shall demonstrate emergency procedures for conserving air by using the technique known as skip-breathing.

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 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?

PREPARATION & EQUIPMENT

Self-Contained Breathing Apparatus

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

SCBA FFI-6

Skip-Breathing

Trainee: _____

Department: _____

Trainee shall demonstrate emergency procedures for conserving air by using the technique known as skip-breathing. (4.3.1, 4.3.5)

	POSSIBLE POINTS	TEST	RETEST
a. Takes a regular breath (safety point: 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. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	5		

Points needed to pass: 4

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

SCBA FFI-7

Donning Breathing Apparatus Using the Compartment Mounted Method

Subject: Fireground Operations

NFPA 1001 4.3.1

REFERENCE

Use self-contained breathing apparatus (SCBA) during emergency operations, given SCBA and other personal protective equipment, so that the SCBA is correctly donned, the SCBA is correctly worn, controlled breathing techniques are used, emergency procedures are enacted if the SCBA fails, all low-air warnings are recognized, respiratory protection is not intentionally compromised, and hazardous areas are exited prior to air depletion. (4.3.1)

OBJECTIVE

Trainee shall don an SCBA using the Compartment Mounted Method.

INSTRUCTIONS - procedures for achieving the objective

You will demonstrate the procedure for donning the Self-Contained Breathing Apparatus using the Compartment Mounted Method. You shall verbalize the steps printed in italics. You will begin on my instruction to start. The skill 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?

PREPARATION & EQUIPMENT

Apparatus with SCBA compartment mount

Self-Contained Breathing Apparatus

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

SCBA FFI-7

Donning Breathing Apparatus Using the Compartment Mounted Method

Trainee: _____

Department: _____

Trainee shall don an SCBA using the Compartment Mounted Method. (4.3.1)			
	POSSIBLE POINTS	TEST	RETEST
a. Begins procedure with protective ensemble properly donned	1		
b. Checks cylinder gauge, <i>verbalizes PSI</i>	1		
c. Turns the cylinder valve on fully and <i>verbally indicates listening for alarm</i>	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. Breathes air from the SCBA	1		
j. Confirms and <i>verbalizes that PASS device is activated</i>	1		
k. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:		11	

Points needed to pass: 8

Evaluator/Candidate Comments:

Instructor's Signature

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INSTRUCTIONAL SKILLS

SCBA FFI-8

Donning Breathing Apparatus Using the Seat Mounted Method

Subject: Fireground Operations

NFPA 1001 4.3.1

REFERENCE

Use self-contained breathing apparatus (SCBA) during emergency operations, given SCBA and other personal protective equipment, so that the SCBA is correctly donned, the SCBA is correctly worn, controlled breathing techniques are used, emergency procedures are enacted if the SCBA fails, all low-air warnings are recognized, respiratory protection is not intentionally compromised, and hazardous areas are exited prior to air depletion. (4.3.1)

OBJECTIVE

Trainee shall don an SCBA using the Seat Mounted Method.

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 italics. You will begin on my instruction to start. The skill will end 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?

SAFETY NOTE

Apparatus should not be in motion during the skill.

PREPARATION & EQUIPMENT

Apparatus with SCBA seat mount

Self-Contained Breathing Apparatus

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

SCBA FFI-8

Donning Breathing Apparatus Using the Seat Mounted Method

Trainee: _____

Department: _____

Trainee shall don an SCBA using the Seat Mounted Method. (4.3.1)			
	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 <i>PSI</i>	1		
h. Requests cylinder gauge reading verification	1		
i. Confirms and verbalizes <i>that the PASS device is on</i>	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. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:		13	

Points needed to pass: 9

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

SCBA FFI-9

Restricted Passage

Subject: Fireground Operations

NFPA 1001 4.3.1

REFERENCE

Use self-contained breathing apparatus (SCBA) during emergency operations, given SCBA and other personal protective equipment, so that the SCBA is correctly donned, the SCBA is correctly worn, controlled breathing techniques are used, emergency procedures are enacted if the SCBA fails, all low-air warnings are recognized, respiratory protection is not intentionally compromised, and hazardous areas are exited prior to air depletion. (4.3.1)

OBJECTIVE

Trainee shall maneuver through a restricted passage while wearing full personal protective equipment including SCBA.

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?

PREPARATION & EQUIPMENT

Self-Contained Breathing Apparatus

Restricted passage training prop

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

SCBA FFI-9

Restricted Passage

Trainee: _____

Department: _____

Trainee shall maneuver through a restricted passage while wearing full personal protective equipment including SCBA. (4.3.1)

	POSSIBLE POINTS	TEST	RETEST
a. Loosens straps or removes SCBA unit to reduce profile	1		
b. Maneuvers through restricted passage	1		
c. Maintains face piece 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		
f. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	6		

Points needed to pass: 4

Evaluator/Candidate Comments:

Instructor's Signature

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INSTRUCTIONAL SKILLS

SCBA FFI-10

Controlled Breathing

Subject: Fireground Operations

NFPA 1001 4.3.1, 4.3.5

REFERENCE

Use self-contained breathing apparatus (SCBA) during emergency operations, given SCBA and other personal protective equipment, so that the SCBA is correctly donned, the SCBA is correctly worn, controlled breathing techniques are used, emergency procedures are enacted if the SCBA fails, all low-air warnings are recognized, respiratory protection is not intentionally compromised, and hazardous areas are exited prior to air depletion. (4.3.1)

Exit a hazardous area as a team, given vision-obscured conditions, so that a safe haven is found before exhausting the air supply, others are not endangered, and the team integrity is maintained. (4.3.5)

OBJECTIVE

Trainee shall control breathing while wearing an SCBA.

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. The skill will end 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?

PREPARATION & EQUIPMENT

Self-Contained Breathing Apparatus

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

SCBA FFI-10

Controlled Breathing

Trainee: _____

Department: _____

Trainee shall control breathing while wearing an SCBA. (4.3.1, 4.3.5)			
	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		
d. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	4		

Points needed to pass: 3

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

VENTILATION FFI-1

Vertical Ventilation

Subject: Fireground Operations

NFPA 1001 4.3.12

REFERENCE

Perform vertical ventilation on a structure as part of a team, given an assignment, personal protective equipment, ground and roof ladders, and tools, so that ladders are positioned for ventilation, a specified opening is created, all ventilation barriers are removed, structural integrity is not compromised, products of combustion are released from the structure, and the team retreats from the area when ventilation is accomplished. (4.3.12)

OBJECTIVE

Trainee, operating as a team member, shall perform vertical ventilation.

INSTRUCTIONS: Procedures for achieving the objectives

You will perform vertical ventilation on a structure as part of a team, given personal protective equipment, ground and roof ladders, and tools, so that ladders are positioned for ventilation, a specified opening is created, all ventilation barriers are removed, structural integrity is not compromised, products of combustion are released from the structure, and the team retreats from the area when ventilation is accomplished. You will perform this skill in a safe and proficient manner. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

Ventilation scenario

Ventilation prop

PPV or smoke ejector

Appropriate length and size of hose with nozzle

Tools as needed for the scenario (chain saw, axe, pike pole, etc.)

Roof ladder

Extension ladder

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

VENTILATION FFI-1

Vertical Ventilation

Trainee, operating as a team member, shall perform vertical ventilation. (4.3.12)

	POSSIBLE POINTS	TEST	RETEST
a. Transports and operates ventilation tools and equipment	1		
b. Selects, carries, deploys, and secures ground ladders for ventilation activities	1		
c. Deploys roof ladders on pitched roofs while secured to a ground ladder	1		
d. Sounds roof for integrity	1		
e. Hoists or carries ventilation tools to a roof as required for scenario	1		
f. Cuts roofing and flooring materials to vent flat roofs, pitched roofs, and basements as required for scenario	1		
g. Assures a clear opening with hand tools	1		
h. Uses tools as designed	1		
i. Retreats from area when ventilation is accomplished	1		
j. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:	10		

Points needed to pass: 7

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

VENTILATION FFI-2

Horizontal Ventilation

Subject: Fireground Operations

NFPA 1001 4.3.11

REFERENCE

Perform horizontal ventilation on a structure operating as part of a team, given an assignment, personal protective equipment, ventilation tools, equipment, and ladders, so that the ventilation openings are free of obstructions, tools are used as designed, ladders are correctly placed, ventilation devices are correctly placed, and the structure is cleared of smoke. (4.3.11)

OBJECTIVE

Trainee, operating as a team member, shall perform horizontal ventilation.

INSTRUCTIONS: Procedures for achieving the objectives

You will perform horizontal ventilation on a structure as part of a team, given personal protective equipment, ground and roof ladders, and tools, so that ladders are positioned for ventilation, a specified opening is created, all ventilation barriers are removed, structural integrity is not compromised, products of combustion are released from the structure, and the team retreats from the area when ventilation is accomplished. You will perform this skill in a safe and proficient manner. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

Ventilation prop

PPV or smoke ejector

Appropriate length and size of hose with nozzle

Tools as needed for the scenario (chain saw, axe, pike pole, etc.)

Roof ladder

Extension ladder

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

VENTILATION FFI-2

Horizontal Ventilation

Trainee: _____

Department: _____

Trainee, operating as a team member, shall perform horizontal ventilation. (4.3.11)			
	POSSIBLE POINTS	TEST	RETEST
a. Transports ventilation tools and equipment and ladders as required for scenario	1		
b. Operates ventilation tools and equipment safely	1		
c. Places ladders correctly as required for scenario	1		
d. Uses safe procedures for breaking window and door glass and removing obstructions as required for scenario	1		
e. Places ventilation devices correctly as required for scenario	1		
f. Ensures ventilation openings are free of obstructions	1		
g. Uses tools as designed	1		
h. Ensures structure is clear of smoke	1		
i. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:	9		

Points needed to pass: 6

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INSTRUCTIONAL SKILLS

VENTILATION FFI-3

Cleaning and Inspecting Ventilation Equipment

Subject: Preparedness and Maintenance

NFPA 1001 4.5.1

REFERENCE

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

OBJECTIVE

Trainee shall inspect, clean and check ventilation equipment so that equipment is cleaned 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 objectives

Given a tool used for ventilation and the appropriate cleaning equipment, you will verbalize the proper technique for inspecting and cleaning the ventilation tool. Actual cleaning does not need to occur for this skill. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

PPV Fan

Negative Pressure Fan

Power Saws

Cleaning supplies

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

VENTILATION FFI-3

Cleaning and Inspecting Ventilation Equipment

Trainee: _____

Department: _____

Trainee shall inspect, clean and check ventilation equipment so that equipment is cleaned and maintained according to manufacturer or departmental guidelines, maintenance is recorded, and equipment is placed in a ready state or reported otherwise. (4.5.1)

	POSSIBLE POINTS	TEST	RETEST
a. Cleans and dries tool	1		
b. Inspects tool for any damage	1		
c. Inspects any safety guards present on the tool	1		
d. Checks fuel level (if applicable)	1		
e. Checks tool for proper operation	1		
f. Returns tool to a ready state or reports otherwise	1		
g. Records maintenance performed	1		
h. Performs Skill in a safe and proficient manner	1		
TOTAL POINTS:	8		

Points needed to pass: 6

Evaluator/Candidate Comments:

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INSTRUCTIONAL SKILLS

WATER SOURCE FFI-1

Supply Hose to Hydrant

Subject: Fireground Operations

NFPA 1001 4.3.15

REFERENCE

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. (4.3.15)

OBJECTIVE

Trainee, operating as a team member, shall connect a pumper apparatus to a fire hydrant using a forward lay and a reverse lay.

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. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT Pumper apparatus 2½" or larger soft supply hose

Hydrant

Hydrant wrench

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

WATER SOURCE FFI-1

Supply Hose to Hydrant

Trainee: _____

Department: _____

Trainee, operating as a team member, shall connect a pumper apparatus to a fire hydrant using a forward lay and a reverse lay. (4.5.15)

FORWARD LAY	POSSIBLE POINTS	TEST	RETEST
a. Obtains a hydrant wrench from apparatus	1		
b. Removes sufficient hose to reach the hydrant	1		
c. Secures the hose per AHJ	1		
d. Signals driver to proceed to the fire	1		
e. Flushes hydrant	1		
f. Connects hose to the hydrant	1		
g. Connects other hose coupling to pump intake	1		
h. Fully opens hydrant	1		
i. Removes all kinks from the hose	1		
j. Fully closes hydrant when water source is no longer needed	1		
k. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	11		

Points needed to pass: 8

REVERSE LAY	POSSIBLE POINTS	TEST	RETEST
a. Removes sufficient hose and tools at the fire scene	1		
b. Secures the hose per AHJ	1		
c. Signals driver to proceed to the hydrant	1		
d. Flushes hydrant	1		
e. Makes appropriate hydrant connection	1		
f. Connects other hose coupling to pump intake or appliance at fire scene	1		
g. Fully opens hydrant	1		
h. Removes all kinks from the hose	1		
i. Fully closes hydrant when water source is no longer needed	1		
j. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	10		

Points needed to pass: 7



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INSTRUCTIONAL SKILLS

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INSTRUCTIONAL SKILLS

WATER SOURCE FFI-2

Hand Laying Supply Line

Subject: Fireground Operations

NFPA 1001 4.3.15

REFERENCE

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. (4.3.15)

OBJECTIVE

Trainee, operating as a team member, shall hand lay hose to connect a pumper apparatus to a water source.

INSTRUCTIONS - procedures for achieving the objective

Given the proper equipment as a member of a team, you shall demonstrate the shoulder carry 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 the identified steps have been completed. Do you understand these instructions?

PREPARATION & EQUIPMENT

Pumper

Sufficient amount of supply hose

Water source

Necessary adapters and tools

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

WATER SOURCE FFI-2

Hand Laying Supply Line

Trainee: _____

Department: _____

Trainee, operating as a team member, shall hand lay hose to connect a pumper apparatus to a water source.
(4.3.15)

Firefighter #1 – Deploys Hose	POSSIBLE POINTS	TEST	RETEST
a. Positions on the rear step of the apparatus	1		
b. Deploys supply hose on to firefighters	1		
c. Uncouples the hose from hose bed	1		
d. Makes hose connection to pumper	1		
e. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	5		

Points needed to pass: 4

Firefighter #2 – Shoulder Carry	POSSIBLE POINTS	TEST	RETEST
a. Positions at the tailboard facing the direction of travel	1		
b. Brings the hose from behind back onto shoulder so the hose folds at knee level	1		
c. Continues to make knee-high folds until the appropriate amount of hose is loaded	1		
d. Holds the hose to prevent it from slipping off the shoulder	1		
e. Moves forward approximately 15 feet (5 meters)	1		
f. Advances 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		
h. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	8		

Points needed to pass: 6

Firefighter #3 – Shoulder Carry	POSSIBLE POINTS	TEST	RETEST
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. Advances the hose with firefighter #2 toward the water source while flaking hose off the shoulder	1		



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INSTRUCTIONAL SKILLS

d. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	4		

Points needed to pass: 3

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INSTRUCTIONAL SKILLS

WATER SOURCE FFI-3

Establishing a Portable Water Source Connection

Subject: Fireground Operations

NFPA 1001 4.3.15

REFERENCE

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. (4.3.15)

OBJECTIVE

Trainee, operating as a team member, shall establish a portable water source connection.

INSTRUCTIONS - procedures for achieving the objective

Given all the necessary equipment, you shall demonstrate the proper technique for connecting a pumper to a portable 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 the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

Pumper apparatus

2 - 2½" or larger hard supply hoses with strainers

Rubber mallet

Portable water tank

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

WATER SOURCE FFI-3

Establishing a Portable Water Source Connection

Trainee: _____

Department: _____

Trainee, operating as a team member, shall establish a portable water source connection.(4.3.15)			
	POSSIBLE POINTS	TEST	RETEST
a. Properly deploys portable water tank on a safe surface	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 or uses a low water strainer	1		
d. Makes hard suction hose connection to pumper and strainer	1		
e. Uses a rubber mallet to ensure an air-tight connection	1		
f. Places strainer into portable water tank	1		
g. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	6		

Points needed to pass: 4

Evaluator/Candidate Comments:

Instructor's Signature

Date