



State Firefighters' and Fire Marshals' Association of Texas

Texas Volunteer Firefighters' and Fire Marshals' Certification Board

PO Box 1409 ♦ Manchaca, Texas 78652-1409 ♦ 512.454.3473

www.sffma.org

TESTING SKILLS

SKILL #1: COMMUNICATIONS

Operating Communication Equipment

Subject: Fire Department Communications
NFPA 1001, 2019 edition, 4.2.1, 4.2.2, 4.2.3

Section 101
Firefighter I

OBJECTIVE

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)

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)

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)

INSTRUCTIONS - procedures for achieving the objective

Given a radio or telephone communication, you shall operate the necessary fire department communications equipment, record information, relay information, and discriminate between routine and emergency traffic.

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?

EXAMINERS NOTE

If this skill is selected as a designated testing skill, one of the below options will be assigned:

- Radio communication
- Telephone communication

Only the portions of the steps appropriate for the designated communication skill will be evaluated.

PREPARATION & EQUIPMENT

Communication equipment appropriate to the scenario

PPE appropriate for the skill



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TESTING SKILLS

FF I SKILL #1: COMMUNICATIONS

Operating Communication Equipment

Candidate: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

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)

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)

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)

	POSSIBLE POINTS	TEST	RETEST
Radio communication			
a. Operates fire department radio equipment appropriately	1		
b. Receives information	1		
c. Relays information accurately	1		
d. Discriminates between routine and emergency traffic	1		
Telephone communication			
a. Operates fire station telephone and/or intercom equipment appropriately	1		
b. Receives and records information	1		
c. Relays information accurately	1		
d. Discriminates between routine and emergency traffic	1		
TOTAL POINTS:	8		

Points needed to pass: 6



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TESTING SKILLS

FF I SKILL #1: COMMUNICATIONS

Operating Communication Equipment

Evaluator/Candidate Comments:

Certifying Examiner

Date

Re-Test Certifying Examiner

Date

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



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TESTING SKILLS

SKILL #2: PORTABLE FIRE EXTINGUISHERS

Selecting the Appropriate Fire Extinguisher

Subject: Fireground Operations
NFPA 1001, 2019 edition, 4.3.16

Section 101
Firefighter I

OBJECTIVE

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)

INSTRUCTIONS - procedures for achieving the objective

You shall demonstrate the operation of fire extinguishers on a Class A, B or 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?

EXAMINERS NOTE

If this skill is selected as a designated testing skill, one of the below options will be assigned:

- Class A fire
- Class B fire
- Class C fire

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

NFPA 1001, A.4.3.16 - The Firefighter I should be able to extinguish incipient Class A fires such as wastebaskets, small piles of pallets, wood, or hay; Class B fires of approximately 9 ft² (0.84 m²); and Class C fires where the electrical equipment is energized (simulated). If the Fire Department has Class D or K type extinguishers, the firefighter should be knowledgeable on the devices and their use.

PREPARATION & EQUIPMENT

Stored-pressure water extinguisher - 2½ gallons

Dry chemical extinguisher

9 square foot metal pan (minimum size)

Class A fuel

Class B fuel

Class C fire (simulated)

Electronic fire extinguisher simulation systems are acceptable for use

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



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TESTING SKILLS

FF I SKILL #2: PORTABLE FIRE EXTINGUISHERS

Selecting the Appropriate Fire Extinguisher

Candidate: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

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)

	POSSIBLE POINTS	TEST	RETEST
a. Selects an appropriate extinguisher based on the size and type of fire	1		
b. Safely carries portable fire extinguisher	1		
c. Approaches fire with portable fire extinguisher	1		
d. Operates portable fire extinguisher correctly	1		
e. Ensures extinguishment of fire	1		
f. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	6		

Points needed to pass: **4**

Evaluator/Candidate Comments:

 Certifying Examiner

 Date

 Re-Test Certifying Examiner

 Date

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



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TESTING SKILLS

SKILL #3: FORCIBLE ENTRY

Force Entry into a Structure

Subject: Fireground Operations
NFPA 1001, 2019 edition, 4.3.4

Section 101
Firefighter I

OBJECTIVE

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)

INSTRUCTIONS - procedures for achieving the objective

Given a scenario to force entry into a structure, you shall demonstrate removing barriers and making the opening safe and ready for entry. 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?

EXAMINERS NOTE

If this skill is selected as a designated testing skill, one of the below options will be assigned:

- windows
- doors
- walls

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

PREPARATION & EQUIPMENT

Scenarios

SOPs

Protective equipment

Hand and power tools

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



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TESTING SKILLS

FF I SKILL #3: FORCIBLE ENTRY

Force Entry into a Structure

Candidate: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

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)			
	POSSIBLE POINTS	TEST	RETEST
a. Transports and operates hand and/or power tools safely	1		
b. Forces entry through doors, windows, or walls	1		
c. Uses appropriate tools	1		
d. Uses appropriate entry methods	1		
e. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:		5	

Points needed to pass: 4

Evaluator/Candidate Comments:

 Certifying Examiner

 Date

 Re-Test Certifying Examiner

 Date

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



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TESTING SKILLS

SKILL #4: LADDERS

Set up Ground Ladders

Subject: Fireground Operations
NFPA 1001, 2019 edition, 4.3.6

Section 101
Firefighter I

OBJECTIVE

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)

INSTRUCTIONS - procedures for achieving the objective

You will be given an assignment to set up ground ladders, given single and extension ladders, and team members if needed. 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?

EXAMINERS NOTE

If this skill is selected as a designated testing skill, one of the below options will be assigned:

- Single ladder carry and raise
- Extension ladder carry and raise

Only the portions of the steps appropriate for the designated ladder skill will be evaluated.

PREPARATION & EQUIPMENT

Appropriate protective equipment
Single and extension ladders
Training tower

The firefighter trainee shall accomplish the skill wearing appropriate PPE.



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TESTING SKILLS

FF I SKILL #4: LADDERS

Set up Ground Ladders

Candidate: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

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)

	POSSIBLE POINTS	TEST	RETEST
Single ladder carry and raise			
a. Assesses for <i>and verbalizes hazards</i> prior to raises	1		
b. Carries and raises ground ladder properly	1		
c. Places the top of the ladder against a reliable structural component (wall, roof, etc.)	1		
d. Places the ladder to avoid obvious hazards	1		
e. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	5		

Points needed to pass: 4

Extension ladder carry and raise			
a. Selects appropriate ladder	1		
b. Assesses for <i>and verbalizes hazards</i> prior to raises	1		
c. Carries and raises ground ladder properly	1		
d. Judges extension of the ladder height correctly	1		
e. Extension ladders are extended to the necessary height (extension ladders with the fly locked and halyard secured)	1		
f. Places the top of the ladder against a reliable structural component (wall, roof, etc.)	1		
g. Places the ladder to avoid obvious hazards	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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TESTING SKILLS

FF I SKILL #4: LADDERS

Set up Ground Ladders

Evaluator/Candidate Comments:

Certifying Examiner

Date

Re-Test Certifying Examiner

Date

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



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TESTING SKILLS

SKILL #5: LIVE FIRE TRAINING

Attack an Interior Structure Fire

Subject: Fireground Operations
NFPA 1001, 2019 edition, 4.3.10

Section 101
Firefighter I

OBJECTIVE

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)

INSTRUCTIONS - procedures for achieving the objective

Operating as a member of a team, you will attack an interior structure fire at grade level, above grade level or below grade level and demonstrate the proper technique for extinguishing the fire. You will use a 1½" or larger charged attack hose line for this skill. I will indicate if a hose needs to be replaced or extended. 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?

EXAMINERS NOTE

If this skill is selected as a designated testing skill, one of the below options will be assigned:

- Grade level fire (must replace a burst hose line)
- Above grade level fire (must advance a hose line up a ladder)
- Below grade level fire (must extend a hose line and advance down interior stairwell)

This skill must be conducted with live fire and cannot be simulated. Only the portions of the steps appropriate to the designated type of fire will be evaluated.

101-A.4.3.10 The Firefighter I should be proficient in the various attack approaches for room and contents fires at three different levels (at grade, above grade, and below grade). Maintenance of body posture in the standard refers to staying low during initial attack, protecting oneself from falling objects, and otherwise using common sense given the state of the fire's growth or suppression. Live fire evolutions should be conducted in accordance with the requirements of NFPA 1403, *Standard on Live Fire Training Evolutions*. It is further recommended that prior to involvement in live fire evolutions, the firefighter demonstrates the use of SCBA in smoke and elevated temperature conditions. In areas where environmental or other concerns restrict the use of Class A fuels for training evolutions, properly installed and monitored gas-fueled fire simulators might be substituted.

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

PREPARATION & EQUIPMENT

Enough 1½" or larger 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

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



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TESTING SKILLS

FF I SKILL #5: LIVE FIRE TRAINING

Attack an Interior Structure Fire

Candidate: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

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)

	POSSIBLE POINTS	TEST	RETEST
a. Opens, closes, and adjusts nozzle flow and patterns	1		
b. Applies water using appropriate direct, indirect, and/or combination attacks	1		
c. Prevents water hammers when shutting down nozzles	1		
d. Advances charged and uncharged 38 mm (1½" or larger) diameter or larger hose lines up ladders and up and down interior and exterior stairways as necessary	1		
e. Extends hose lines and/or replaces burst hose sections as necessary	1		
f. Operates charged hose lines of 38 mm (1½" or larger) diameter or larger while secured to a ground ladder as necessary	1		
g. Couples and uncouples various handline connections and carries hose as necessary	1		
h. Attacks fires at grade level, above grade, and/or below grade levels	1		
i. Locates and suppresses interior wall and/or subfloor fires	1		
j. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:	10		

Points needed to pass: 7

Evaluator/Candidate Comments:

 Certifying Examiner

 Date

 Re-Test Certifying Examiner

 Date

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



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TESTING SKILLS

SKILL #6: LIVE FIRE TRAINING

Storage Container Fires

Subject: Fireground Operations
NFPA 1001, 2019 edition, 4.3.8

Section 101
Firefighter I

OBJECTIVE

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)

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?

EXAMINERS NOTE

This skill must be conducted with live fire and cannot be simulated.

101-A.4.3.8 The Firefighter I should be able to extinguish fires in stacked or piled materials such as hay bales, pallets, lumber, piles of mulch, sawdust, other bulk Class A materials, or small unattached structures that are attacked from the exterior. The tactics for extinguishing each of these types of fires are similar enough to be included in one JPR. Live fire evolutions should be conducted in accordance with the requirements of NFPA 1403, Standard on Live Fire Training Evolutions. It is further recommended that prior to involvement in live fire evolutions, the firefighter demonstrate the use of SCBA in smoke and elevated temperature conditions. In areas where environmental or other concerns restrict the use of Class A fuels for training evolutions, properly installed and monitored gas-fueled fire simulators might be substituted.

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

PREPARATION & EQUIPMENT

Pumper apparatus
Attack hoses and nozzles
Storage container (exterior dumpster or trash bin)
Material for burning (must comply with NFPA 1403)

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



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TESTING SKILLS

FF I SKILL #6: LIVE FIRE TRAINING

Storage Container Fires

Candidate: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

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)

	POSSIBLE POINTS	TEST	RETEST
a. Recognizes inherent hazards related to the material's configuration	1		
b. Operates handlines or master streams	1		
c. Breaks up material using hand tools and water streams	1		
d. Evaluates for complete extinguishment	1		
e. Operates hose lines and other water application devices	1		
f. Evaluates and modifies water application for maximum penetration	1		
g. Searches for and exposes hidden fires	1		
h. Assesses patterns for origin determination	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:

Certifying Examiner

Date

Re-Test Certifying Examiner

Date

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



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TESTING SKILLS

SKILL #7: LIVE FIRE TRAINING

Vehicle Fires

Subject: Fireground Operations
NFPA 1001, 2019 edition, 4.3.7

Section 101
Firefighter I

OBJECTIVE

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)

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?

EXAMINERS NOTE

This skill may be conducted with or without live fire.

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

PREPARATION & EQUIPMENT

Pumper apparatus
Attack hoses and nozzles
Vehicle for fire (must comply with NFPA 1403)

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



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TESTING SKILLS

FF I SKILL #7: LIVE FIRE TRAINING

Vehicle Fires

Candidate: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

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)

	POSSIBLE POINTS	TEST	RETEST
a. Verbally identifies possible fuel types	1		
b. Assesses and controls fuel leaks as required	1		
c. Opens, closes, and adjusts the flow and pattern on nozzles	1		
d. Applies water for maximum effectiveness while maintaining flash fire protection	1		
e. Advances 38 mm (1½") or larger diameter attack lines	1		
f. Exposes hidden fires by opening all automobile compartments	1		
g. Performs the skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	7		

Points needed to pass: 5

Evaluator/Candidate Comments:

Certifying Examiner

Date

Re-Test Certifying Examiner

Date

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



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TESTING SKILLS

SKILL #8: LIVE FIRE TRAINING

Combat Ground Cover Fires

Subject: Fireground Operations
NFPA 1001, 2019 edition, 4.3.19

Section 101
Firefighter I

OBJECTIVE

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)

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?

EXAMINERS 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.

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

PREPARATION & EQUIPMENT

Task appropriate protective clothing (according to the SOP of the AHJ)

Hose lines

Extinguishers and/or hand tools

Assignments for combating a ground fire



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TESTING SKILLS

SKILL #8: LIVE FIRE TRAINING

Combat Ground Cover Fires

Candidate: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

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)

	POSSIBLE POINTS	TEST	RETEST
a. Determines exposure threats based on fire spread potential	1		
b. Protects exposures	1		
c. Constructs a fire line or extinguish with hand tools	1		
d. Maintains integrity of established fire lines (if required)	1		
e. Suppresses ground cover fires using water	1		
f. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	6		

Points needed to pass: 4

Evaluator/Candidate Comments:

Certifying Examiner

Date

Re-Test Certifying Examiner

Date

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



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TESTING SKILLS

SKILL #9: OVERHAUL

Exposure of Hidden Fires

Subject: Fireground Operations
NFPA 1001, 2019 edition, 4.3.13

Section 101
Firefighter I

OBJECTIVE

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)

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 the identified steps. Do you understand these instructions?

EXAMINERS NOTE

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

PREPARATION & EQUIPMENT

Personal protective equipment
Attack line
Hand tools
A flashlight

The firefighter trainee shall accomplish the skill wearing appropriate protective equipment for the scenario.



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TESTING SKILLS

FF I SKILL #9: OVERHAUL Exposure of Hidden Fires

Candidate: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

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)			
	POSSIBLE POINTS	TEST	RETEST
a. Deploys and operates an attack line that is most effective for overhaul	1		
b. Applies water for maximum effectiveness and limits water damage as much as possible	1		
c. Removes flooring, ceiling, and wall components to expose void spaces without compromising structural integrity	1		
d. Exposes and extinguishes hidden fires in walls, ceilings, and subfloor spaces	1		
e. Recognizes and preserves fire cause evidence	1		
f. Evaluates for complete extinguishment	1		
g. Performs the skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:		7	

Points needed to pass: 5

Evaluator/Candidate Comments:

Certifying Examiner

Date

Re-Test Certifying Examiner

Date

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



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TESTING SKILLS

SKILL #10: SAFETY

Techniques for Actions When Trapped or Disoriented

Subject: Fireground Operations
NFPA 1001, 2019 edition, 4.3.5, 4.2.4

Section 101
Firefighter I

OBJECTIVE

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)

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)

INSTRUCTIONS - procedures for achieving the objective

While wearing full protective clothing, the Self-Contained Breathing Apparatus mask will be vision-obscured, or a simulated smoke-charged atmosphere will be used. You will demonstrate techniques for the actions required when trapped or disoriented in a fire situation or hostile environment and identify a safe haven in your scenario. 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?

EXAMINERS NOTE

If the charged hose line is chosen, you will place a charged hose line inside the structure with twists, turns, and loops or use multiple sections of hose. Place the trainee in the center of structure and attempt to disorient him/her.

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

PREPARATION & EQUIPMENT

Appropriate length and size of hose with nozzle or guideline

Appropriate communication equipment

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



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TESTING SKILLS

FF I SKILL #10: SAFETY

Techniques for Actions When Trapped or Disoriented

Candidate: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

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)

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)

	POSSIBLE POINTS	TEST	RETEST
a. Operates as a team member in vision-obscured conditions	1		
b. Locates and follows a guideline	1		
c. Identifies a safe haven	1		
d. Initiates an emergency call according to AHJ procedures (Mayday)	1		
e. Uses another method for an emergency call for assistance (PASS alarm, tool banging, etc.)	1		
f. Evaluates area for hazards	1		
g. Conserves air supply	1		
h. Performs the skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	8		

Points needed to pass: 6

Evaluator/Candidate Comments:

 Certifying Examiner

 Date

 Re-Test Certifying Examiner

 Date

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



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TESTING SKILLS

SKILL #11: SAFETY

Terminating Utility Service

**Subject: Fireground Operations
NFPA 1001, 2019 edition, 4.3.18**

**Section 101
Firefighter I**

OBJECTIVE

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

INSTRUCTIONS - procedures for achieving the objective

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

EXAMINERS NOTE

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

PREPARATION & EQUIPMENT

Building utility props
Water meter key
Gas meter key
Spanner wrench
Adjustable wrench

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



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TESTING SKILLS

FF I SKILL #11: SAFETY

Terminating Utility Service

Candidate: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

Turn off building utilities, given tools and an assignment, so that the assignment is safely completed. (4.3.18)			
	POSSIBLE POINTS	TEST	RETEST
a. Identifies utility control devices	1		
b. Operates control valves or switches	1		
c. Assesses for related hazards	1		
d. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:		4	

Points needed to pass: 3

Evaluator/Candidate Comments:

 Certifying Examiner

 Date

 Re-Test Certifying Examiner

 Date

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



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TESTING SKILLS

SKILL #12: SAFETY

Set Up Emergency Lighting for Fire Ground Operation

Subject: Fireground Operations
NFPA 1001, 2019 edition, 4.3.17

Section 101
Firefighter I

OBJECTIVE

Operate emergency scene lighting, given fire service electrical equipment, power supply and an assignment, so that emergency scene lighting equipment is operated within the manufacturer's listed safety precautions. (4.3.17)

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 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?

EXAMINERS NOTE

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

PREPARATION & EQUIPMENT

Portable or mounted power supply

Lights

Electrical cords

Connectors

Ground-fault interrupter (GFI)



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TESTING SKILLS

FF I SKILL #12: SAFETY

Set Up Emergency Lighting for Fire Ground Operation

Candidate: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

Operate emergency scene lighting, given fire service electrical equipment, power supply and an assignment, so that emergency scene lighting equipment is operated within the manufacturer's listed safety precautions.
(4.3.17)

	POSSIBLE POINTS	TEST	RETEST
a. Demonstrates the ability to operate department power supply and lighting equipment	1		
b. Deploys cords and connectors	1		
c. Resets ground-fault interrupter devices	1		
d. Locates lights for best effect	1		
e. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	4		

Points needed to pass: 4

Evaluator/Candidate Comments:

Certifying Examiner

Date

Re-Test Certifying Examiner

Date

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



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TESTING SKILLS

SKILL #13: SAFETY

Use of Safety Equipment While Riding on Fire Apparatus

Subject: Fireground Operations
NFPA 1001, 2019 edition, 4.3.2

Section 101
Firefighter I

OBJECTIVE

Respond on apparatus to an emergency scene, given personal protective clothing and other necessary personal protective equipment and other necessary PPE, 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)

INSTRUCTIONS - procedures for achieving the objective

You shall don personal protective clothing, mount the apparatus, and don safety devices. You shall perform this objective in a riding location while observing all safety 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?

EXAMINERS NOTE

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

PREPARATION & EQUIPMENT

Firefighter protective clothing

Fire apparatus

Hearing protection

Seat mounted SCBA (if applicable, according to AHJ)

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



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TESTING SKILLS

FF I SKILL #13: SAFETY

Use of Safety Equipment While Riding on Fire Apparatus

Candidate: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

Respond on apparatus to an emergency scene, given personal protective clothing and other necessary PPE, 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)

	POSSIBLE POINTS	TEST	RETEST
a. Uses each piece of provided safety equipment	1		
b. Performs the skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	2		

Points needed to pass: 2

Evaluator/Candidate Comments:

Certifying Examiner

Date

Re-Test Certifying Examiner

Date

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



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TESTING SKILLS

SKILL #14: SAFETY

Safely Working in Protected Work Areas

**Subject: Fireground Operations
NFPA 1001, 2019 edition, 4.3.3**

**Section 101
Firefighter I**

OBJECTIVE

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, photovoltaic power systems, battery storage systems, 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)

INSTRUCTIONS - procedures for achieving the objective

Given a fire apparatus, you will 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?

EXAMINERS NOTE

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

PREPARATION & EQUIPMENT

Fire apparatus

Appropriate protective clothing

Traffic and scene control devices

Miscellaneous tools and equipment

The firefighter trainee shall accomplish the skill wearing appropriate PPE per AHJ.



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TESTING SKILLS

FF I SKILL #14: SAFETY

Safely Working in Protected Work Areas

Candidate: _____ Notes: _____

Examiner: _____

School: _____

Test Site: _____

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, photovoltaic power systems, battery storage systems, 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)

	POSSIBLE POINTS	TEST	RETEST
a. Uses personal protective clothing	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. Performs the skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	5		

Points needed to pass: 4

Evaluator/Candidate Comments:

 Certifying Examiner Date

 Re-Test Certifying Examiner Date

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



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TESTING SKILLS

SKILL #15: SALVAGE

Property Conservation

**Subject: Fireground Operations
NFPA 1001, 2019 edition, 4.3.14**

**Section 101
Firefighter I**

OBJECTIVE

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)

INSTRUCTIONS: Procedures for achieving the objectives

Given a randomly selected skill as a member of a team, you shall demonstrate the ability to perform one of the following skills:

- Construct water chute
- Cluster furniture and deploy covers
- Roll and/or fold salvage covers for reuse
- Construct catch-all
- Cover building opening including doors, windows, floor openings or roof openings
- Separate, remove and relocate charred material
- Stop the flow of water from a sprinkler with sprinkler wedges or stoppers
- Operate a main control valve on an automatic sprinkler system

EXAMINERS NOTE

If this skill is selected as a designated testing skill, one of the below options will be assigned:

- Construct water chute
- Cluster furniture and deploy covers
- Roll and/or fold salvage covers for reuse
- Construct catch-all
- Cover building opening including doors, windows, floor openings or roof openings
- Separate, remove and relocate charred material
- Stop the flow of water from as sprinkler with sprinkler wedges or stoppers
- Operate a main control valve on an automatic sprinkler system

Only the portions of the steps appropriate to the designated property conservation technique will be evaluated.

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

PREPARATION & EQUIPMENT

Salvage tools and equipment

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



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TESTING SKILLS

FF I SKILL #15: SALVAGE

Property Conservation

Candidate: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

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)			
	POSSIBLE POINTS	TEST	RETEST
a. Clusters furniture, if required	1		
b. Deploys covering materials, if required	1		
c. Constructs water chutes and/or catch-all to remove or contain water, if required	1		
d. Covers building openings, including doors, windows, floor openings, and roof openings, if required	1		
e. Relocates charred material to a safe location while protecting the area of origin for cause determination, if required	1		
f. Stops the flow of water from a sprinkler with sprinkler wedges or stoppers, if required	1		
g. Operates a main control valve on an automatic sprinkler system, if required	1		
h. Demonstrates rolling and/or folding salvage covers for reuse, if required	1		
i. Performs the skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:		n/a	

Only the portions of the steps appropriate to the designated property conservation technique will be evaluated.

Evaluator/Candidate Comments:

 Certifying Examiner

 Date

 Re-Test Certifying Examiner

 Date

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



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TESTING SKILLS

SKILL #16: SCBA

Using SCBA during Emergency Operations

**Subject: Fireground Operations
NFPA 1001, 2019 edition, 4.3.1**

**Section 101
Firefighter I**

OBJECTIVE

Use self-contained breathing apparatus (SCBA) during emergency operations, given SCBA and other PPE, 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)

INSTRUCTIONS - procedures for achieving the objective

Given a randomly selected scenario, you shall demonstrate the ability to perform one of the following skills:

- perform complete donning procedures and show the ability to control breathing
- replace SCBA air cylinders
- use SCBA to exit through restricted passages
- initiate and complete emergency procedures in the event of SCBA failure or air depletion

EXAMINERS NOTE

If this skill is selected as a designated testing skill, one of the below options will be assigned:

- don SCBA and demonstrate the ability to control breathing
- replace SCBA air cylinders
- use SCBA to exit through restricted passages
- initiate and complete emergency procedures in the event of SCBA failure or air depletion

Only the portions of the steps appropriate to the designated SCBA skill will be evaluated.

The Firefighter I should already be wearing full protective clothing prior to the beginning of this SCBA-donning procedure. In addition to fully donning and activating the SCBA, the Firefighter I should also replace any personal protective clothing (i.e., gloves, protective hood, helmet, etc.) displaced during the donning procedure and activate the personal alert safety system (PASS) device. (NFPA 1001, A-4.3.1)

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

PREPARATION & EQUIPMENT

Scenarios

SCBA and extra air cylinders



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TESTING SKILLS

FF I SKILL #16: SCBA

Using SCBA during Emergency Operations

Candidate: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

Use self-contained breathing apparatus (SCBA) during emergency operations, given SCBA and other PPE, 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)

	POSSIBLE POINTS	TEST	RETEST
a. Completes SCBA donning procedures, if required	1		
b. Controls breathing, if required	1		
c. Replaces SCBA air cylinder, if required	1		
d. Uses SCBA to exit through restricted passage, if required	1		
e. Complete emergency procedure for SCBA failure or air depletion, if required	1		
f. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	n/a		

Only the portions of the steps appropriate to the designated SCBA skill will be evaluated.

Evaluator/Candidate Comments:

Certifying Examiner

Date

Re-Test Certifying Examiner

Date

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



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TESTING SKILLS

SKILL #17: SEARCH AND RESCUE

Conduct a Search and Rescue

Subject: Fireground Operations
NFPA 1001, 2019 edition, 4.3.9

Section 101
Firefighter I

OBJECTIVE

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)

INSTRUCTIONS - procedures for achieving the objective

Operating as a member of a team, you shall demonstrate the ability to perform one of the following skills:

- set up and use different types of ladders to rescue a person who has no respiratory protection
- rescue a firefighter with functioning respiratory protection
- rescue a firefighter whose respiratory protection is not functioning

You and a designated team member shall enter a perceived IDLH atmosphere and conduct search and rescue for victim(s). 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?

EXAMINERS NOTE

If this skill is selected as a designated testing skill, one of the below options will be assigned:

- setting up and use different types of ladders and rescuing a person who has no respiratory protection
- rescuing a firefighter with functioning respiratory protection
- rescuing a firefighter whose respiratory protection is not functioning

The perceived IDLH atmosphere may be obscured vision conditions. The firefighter trainee will not be allowed to review the performance steps at the time of testing.

Only the portions of the steps appropriate to the designated Search and Rescue skill will be evaluated.

PREPARATION & EQUIPMENT

Equipment needed for the chosen skill
Simulated victim

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



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TESTING SKILLS

FF I SKILL #17: SEARCH AND RESCUE

Conduct a Search and Rescue

Candidate: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

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)

	POSSIBLE POINTS	TEST	RETEST
a. Assess and determines areas of tenability	1		
b. Sets up ladders properly, if needed	1		
c. Rescues a victim with no respiratory protection, if required	1		
d. Rescues a firefighter with functioning respiratory protection, if required	1		
e. Rescues a firefighter whose respiratory protection has failed, if required	1		
f. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	n/a		

Only the portions of the steps appropriate to the designated Search and Rescue skill will be evaluated.

Evaluator/Candidate Comments:

 Certifying Examiner

 Date

 Re-Test Certifying Examiner

 Date

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



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TESTING SKILLS

SKILL #18: VENTILATION

Horizontal and Vertical Ventilation

Subject: Fireground Operations
NFPA 1001, 2019 edition, 4.3.11, 4.3.12

Section 101
Firefighter I

OBJECTIVE

Perform horizontal ventilation on a structure operating as part of a team, given an assignment, PPE, 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)

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)

INSTRUCTIONS: Procedures for achieving the objectives

You will perform (horizontal or 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. 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?

EXAMINERS NOTE

If this skill is selected as a designated testing skill, one of the below options will be assigned:

- Horizontal ventilation
- Vertical ventilation

Only the portions of the steps appropriate for the designated ventilation skill will be evaluated.

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

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

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



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TESTING SKILLS

FF I SKILL #18: VENTILATION Horizontal and Vertical Ventilation

Candidate: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

Perform horizontal ventilation on a structure operating as part of a team, given an assignment, PPE, 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)

Perform vertical ventilation on a structure as part of a team, given an assignment, PPE, 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)

	POSSIBLE POINTS	TEST	RETEST
Horizontal ventilation			
a. Transports and operates ventilation tools and equipment and ladders as required for scenario	1		
b. Uses safe procedures for breaking window and door glass and removing obstructions as required for scenario	1		
c. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:	3		

Points needed to pass: 3

Vertical ventilation			
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; assures a clear opening with hand tools	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. Ascends and descends ladders while carrying tools and equipment	1		
h. Clears an opening with hand tools	1		
i. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	9		

Points needed to pass: 6



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TESTING SKILLS

FF I SKILL #18: VENTILATION

Horizontal and Vertical Ventilation

Evaluator/Candidate Comments:

Certifying Examiner

Date

Re-Test Certifying Examiner

Date

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



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TESTING SKILLS

SKILL #19: WATER SOURCE

Developing Water Supply

Subject: Fireground Operations
NFPA 1001, 2019 edition, 4.3.15

Section 101
Firefighter I

OBJECTIVE

Connect a fire department pumper to a water supply as a member of a team, given supply or intake hose, hose tools, and a fire hydrant or static water source, so that connections are tight and water flow is unobstructed. (4.3.15)

INSTRUCTIONS - procedures for achieving the objective

Given a randomly selected scenario as a member of a team, you shall demonstrate the ability to perform one of the following skills:

- hand lay a supply hose
- deploy portable water tanks (static water source) as well as the equipment necessary to transfer water between and draft from them.
- make hydrant-to-pumper hose connections for forward or reverse lays, connect supply hose to a hydrant, and fully open and close the hydrant.

EXAMINERS NOTE

If this skill is selected as a designated testing skill, one of the below options will be assigned:

- hand lay a supply hose
- deploy portable water tanks (static water source) as well as the equipment necessary to transfer water between and draft from them. (Actual drafting is not required)
- make hydrant-to-pumper hose connections for forward or reverse lays, connect supply hose to a hydrant, and fully open and close the hydrant.

Only the portions of the steps appropriate for the designated communication skill will be evaluated.

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

PREPARATION & EQUIPMENT

Pumper

Sufficient amount of supply hose

Water source

Necessary adapters and tools

Portable water tanks

The firefighter trainee shall accomplish the skill wearing appropriate PPE.



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TESTING SKILLS

FF I SKILL #19: WATER SOURCE

Developing Water Supply

Candidate: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

Connect a fire department pumper to a water supply as a member of a team, given supply or intake hose, hose tools, and a fire hydrant or static water source, so that connections are tight and water flow is unobstructed. (4.3.15)

	POSSIBLE POINTS	TEST	RETEST
Hand Lay Supply Hose			
a. Demonstrates the ability to hand lay a supply hose	1		
b. Makes water supply to pumper hose connections	1		
c. Performs skill in a safe and proficient manner, per AHJ	1		
	3		

Points needed to pass: 3

Static Water Sources			
a. Properly deploys portable water tanks as well as the equipment necessary to transfer water between and draft from them	1		
b. Connect and place hard suction hose for drafting operations	1		
c. Performs skill in a safe and proficient manner, per AHJ	1		
	3		

Points needed to pass: 3

Hydrant to Pumper Connection (forward or reverse lay)			
a. Makes hydrant-to-pumper hose connections for forward or reverse lays	1		
b. Connect supply hose to a hydrant	1		
c. Fully open and close the hydrant	1		
d. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	4		

Points needed to pass: 3



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TESTING SKILLS

Evaluator/Candidate Comments:

Certifying Examiner

Date

Re-Test Certifying Examiner

Date

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



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TESTING SKILLS

SKILL #20: AIR MONITORING

Operating an Air-Monitoring Instrument

Subject: Fireground Operations
NFPA 1001, 2019 edition, 4.3.21

Section 101
Firefighter I

OBJECTIVE

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)

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?

EXAMINERS NOTE

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

PREPARATION & EQUIPMENT

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).

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

1. Oxygen (O₂)
2. Carbon Monoxide (CO)
3. A specific chemical hazard of importance to the AHJ (i.e., Hydrogen Sulfide (H₂S) or Sulfur Dioxide (SO₂))
4. Combustible Gas/LEL Monitor

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

1. Oxygen (O₂)
2. Carbon Monoxide (CO)
3. A specific chemical hazard of importance to the AHJ (i.e. Hydrogen Sulfide (H₂S) or Sulfur Dioxide (SO₂))
4. Combustible Gas/LEL Monitor
5. Volatile Organic Chemicals (VOC).



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TESTING SKILLS

FF I SKILL #20: AIR MONITORING

Operating an Air-Monitoring Instrument

Candidate: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

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)

	POSSIBLE POINTS	TEST	RETEST
a. Operates air monitoring instrument correctly	1		
b. Recognizes high- or low-level alarm(s)	1		
c. Reacts to the high- or low-level alarm(s) by reporting reading	1		
d. Performs skill in a safe and proficient manner, per AHJ.	1		
TOTAL POINTS:	4		

Points needed to pass: 3

Evaluator/Candidate Comments:

Certifying Examiner

Date

Re-Test Certifying Examiner

Date

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



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TESTING SKILLS

SKILL #21: FIRE DEPARTMENT ORGANIZATION AND STANDARDS

Documentation, Standards and Codes

Subject: General
NFPA 1001, 2019 edition, 4.1.2

Section 101
Firefighter I

OBJECTIVE

The firefighter trainee will locate information in departmental documents and standard or code materials. (4.1.2)

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, 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?

EXAMINERS NOTE

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

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.

- SOPs or SOGs of the AHJ
- NFPA Standards such as 1001, 1403, 472/1072, 1500, 1581



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TESTING SKILLS

FF I SKILL #21: FIRE DEPARTMENT ORGANIZATION AND STANDARDS

Documentation, Standards and Codes

Candidate: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

The firefighter trainee will locate information in departmental documents and standard or code materials.
(4.1.2)

	POSSIBLE POINTS	TEST	RETEST
a. Locates information in departmental documents and standard or code materials	1		
b. Performs skill in an efficient manner, per AHJ	1		
TOTAL POINTS:	2		

Points needed to pass: 2

Evaluator/Candidate Comments:

Certifying Examiner

Date

Re-Test Certifying Examiner

Date

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



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TESTING SKILLS

SKILL #22: PERSONAL PROTECTIVE EQUIPMENT

Inspection of PPE

Subject: General
NFPA 1001, 2019 edition, 4.1.2

Section 101
Firefighter I

OBJECTIVE

The firefighter trainee will prepare protective clothing for reuse. (4.1.2)

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?

EXAMINERS NOTE

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

PREPARATION & EQUIPMENT

Helmet
Turnout coat
Turnout pants
Boots
Gloves
Protective hood



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TESTING SKILLS

FF I SKILL #22: PERSONAL PROTECTIVE EQUIPMENT

Inspection of PPE

Candidate: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

The firefighter trainee will prepare protective clothing for reuse. (4.1.2)			
	POSSIBLE POINTS	TEST	RETEST
a. Inspects coat and pants	1		
b. Inspects helmet	1		
c. Inspects gloves	1		
d. Inspects hood	1		
e. Inspects boots	1		
f. Verbally states when inspections should be performed	1		
g. Verbally states whether clothing should be repaired, cleaned, or replaced based on Standard Operating Procedure	1		
h. Performs skill in a safe and proficient manner, per AHJ	1		
a. Inspects coat and pants	1		
TOTAL POINTS:	9		

Points needed to pass: 6

Evaluator/Candidate Comments:

 Certifying Examiner

 Date

 Re-Test Certifying Examiner

 Date

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



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TESTING SKILLS

SKILL #23: PERSONAL PROTECTIVE EQUIPMENT

Donning and Doffing of PPE

Subject: General
NFPA 1001, 2019 edition, 4.1.2

Section 101
Firefighter I

OBJECTIVE

The firefighter trainee will demonstrate the ability to don personal protective clothing and doff personal protective clothing. (4.1.2)

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?

EXAMINERS NOTE

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

PREPARATION & EQUIPMENT

Turnout coat
Turnout pants
Hood
Helmet
Gloves
Boots



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TESTING SKILLS

FF I SKILL #23: PERSONAL PROTECTIVE EQUIPMENT

Donning and Doffing of PPE

Candidate: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

The firefighter trainee will demonstrate the ability to don personal protective clothing and doff personal protective clothing. (4.1.2)			
	POSSIBLE POINTS	TEST	RETEST
a. Dons pants and boots	1		
b. Dons coat and protective hood	1		
c. Dons helmet and gloves	1		
d. Doffs personal protective clothing and places in ready state	1		
e. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:		5	

Points needed to pass: 4

Evaluator/Candidate Comments:

Certifying Examiner

Date

Re-Test Certifying Examiner

Date

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



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TESTING SKILLS

SKILL #24: ROPES

Hoisting Tools and Equipment Using Ropes

Subject: General
NFPA 1001, 2019 edition, 4.1.2, 4.3.20

Section 101
Firefighter I

OBJECTIVE

The firefighter trainee will hoist tools and equipment using ropes and the correct knot. (4.1.2)

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

INSTRUCTIONS - procedures for achieving the objective

A tool has been randomly selected for you to hoist. You will select the type and length of rope which will be adequate to meet this skill. You will ensure that the deployed section of rope is safe to use. Using the appropriate knot for the given tool, you will hoist the tool to a level determined by the scenario in a safe and proficient 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?

EXAMINERS NOTE

If this skill is selected as a designated testing skill, one of the below options will be assigned:

- Axe
- Pike pole
- Ladder
- Charged hose line
- Uncharged hose line
- Exhaust fan
- Chain saw

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

PREPARATION & EQUIPMENT

Adequate length of rope

Appropriate tool (randomly selected from the list below)

- Axe
- Pike pole
- Ladder
- Charged and uncharged hose line
- Exhaust fan
- Chain saw

The firefighter trainee shall accomplish the skill wearing appropriate PPE.



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TESTING SKILLS

FF I SKILL #24: ROPES

Hoisting Tools and Equipment Using Ropes

Candidate: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

The firefighter trainee will hoist tools and equipment using ropes and the correct knot. (4.1.2)
 Tie a knot appropriate for hoisting tool, given personal protective equipment, tools, ropes, and an assignment, so that the knots used are appropriate for hoisting tools securely and as directed. (4.3.20)

	POSSIBLE POINTS	TEST	RETEST
a. Ensures that the deployed section of rope is safe to use	1		
b. Uses the appropriate knot(s) for the scenario	1		
c. Forms safety knot	1		
d. Performs the skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	4		

Points needed to pass: 3

Evaluator/Candidate Comments:

 Certifying Examiner

 Date

 Re-Test Certifying Examiner

 Date

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



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TESTING SKILLS

SKILL #25: HOSE

Inspect, Clean and Return Hose to Service

**Subject: Preparedness and Maintenance
NFPA 1001, 2019 edition, 4.5.2**

**Section 101
Firefighter I**

OBJECTIVE

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)

INSTRUCTIONS - procedures for achieving the objective

Given a randomly selected scenario, you shall demonstrate the ability to perform one of the following skills:

- roll or reload hose according to AHJ procedures
- clean a section of hose according to AHJ procedures

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

EXAMINERS NOTE

If this skill is selected as a designated testing skill, one of the below options will be assigned:

- roll or reload hose according to AHJ procedures
- clean a section of hose according to AHJ procedures

Only the portions of the steps appropriate to the designated hose skill will be evaluated.

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

PREPARATION & EQUIPMENT

Assorted hose

Cleaning and inspection equipment per AHJ

The firefighter trainee shall accomplish this skill wearing, as a minimum, protective trousers and boots.



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TESTING SKILLS

FF I SKILL #25: HOSE

Inspect, Clean and Return Hose to Service

Candidate: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

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)

	POSSIBLE POINTS	TEST	RETEST
Roll or Reload Hose			
a. Rolls or reloads hose as assigned	1		
b. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	2		

Points needed to pass: 2

	POSSIBLE POINTS	TEST	RETEST
Clean Hose			
a. Cleans hose	1		
b. Operates hose washing and drying equipment	1		
c. Inspects and marks defective hose per AHJ	1		
d. Inspects coupling gaskets and replaces if necessary	1		
e. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	5		

Points needed to pass: 4

Evaluator/Candidate Comments:

 Certifying Examiner

 Date

 Re-Test Certifying Examiner

 Date

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



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TESTING SKILLS

SKILL #26: MAINTENANCE

Cleaning, Maintaining and Placing Equipment in a Ready State

Subject: Preparedness and Maintenance
NFPA 1001, 2019 edition, 4.5.1

Section 101
Firefighter I

OBJECTIVE

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

INSTRUCTIONS - procedures for achieving the objective

Given a randomly selected piece of equipment, you shall demonstrate the ability to clean, check, and place equipment in a ready state or report otherwise.

EXAMINERS NOTE

If this skill is selected as a designated testing skill, one of the below options will be assigned:

- Ladders
- Ventilation equipment
- SCBA
- Ropes
- Salvage equipment
- Hand tools

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

PREPARATION & EQUIPMENT

Ladders

Ventilation equipment (PPV or smoke ejector)

SCBA

Ropes

Salvage equipment

Hand tools

Cleaning supplies



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TESTING SKILLS

FF I SKILL #26: MAINTENANCE

Cleaning, Maintaining and Placing Equipment in a Ready State

Candidate: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

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)

	POSSIBLE POINTS	TEST	RETEST
a. Selects correct tools for various parts and pieces of equipment	1		
b. Follows guidelines per AHJ documents (SOP) or manufacturer's recommendations	1		
c. Completes recording and reporting procedures (AHJ)	1		
d. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	4		

Points needed to pass: 3

Evaluator/Candidate Comments:

Certifying Examiner

Date

Re-Test Certifying Examiner

Date

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