

# NFPA 1001

## Firefighter Level 1 Performance Skill Sheets

## 1001 Fire Fighter Professional Qualifications Level 1 - Skill #'s 1-28

### Participant

 Pass

 Fail

Name: \_\_\_\_\_  
(Surname) (First Name) (Middle Name/Initial)

Birth Date: \_\_\_\_\_ ID Number: \_\_\_\_\_ Evaluation Date: \_\_\_\_\_  
(DD/MM/YYYY) (Remember this number)

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

### Evaluator 1

Name: \_\_\_\_\_  
(Surname) (First Name) (Middle Name/Initial)

Representing: \_\_\_\_\_

### Evaluator 2

Name: \_\_\_\_\_  
(Surname) (First Name) (Middle Name/Initial)

Representing: \_\_\_\_\_

### Evaluator 3

Name: \_\_\_\_\_  
(Surname) (First Name) (Middle Name/Initial)

Representing: \_\_\_\_\_

### Advisory

Practical evaluations for Certification may be physically strenuous and potentially hazardous. Significant physical demands may be placed on you during testing. If you are not physically capable of taking part in all practical evaluation sessions, please withdraw from the evaluation. If at any time you feel yourself unable to continue the evaluation because of health issues **inform an Evaluator or Safety Officer Immediately.**

Evaluator Signature: \_\_\_\_\_

Participant Signature: \_\_\_\_\_

## Practical Skills Checklist:

#	Objective	Reference	Task	<input checked="" type="checkbox"/>
1.	4.1.2	General Skill Requirements	Locate Department Information	<input type="checkbox"/>
2.	4.2.1	Initiate a Reponse	Recieve a Dispatch Emergency Call	<input type="checkbox"/>
3.	4.2.2	Receive a Telephone Call	Answer Phone Call	<input type="checkbox"/>
4.	4.2.3	Use Department Radio	Transmit/Receive Using FD SOP's	<input type="checkbox"/>
5.	4.2.4	Emergency Call	Activate Emergency Call for Assistance	<input type="checkbox"/>
6.	4.3.1	SCBA	Use SCBA During Emergency Operations	<input type="checkbox"/>
7.	4.3.2	Respond on Apparatus	Mount/Ride/Dismount FD appartus	<input type="checkbox"/>
8.	4.3.3	Work at Emergency Scene	Establish Traffic Control	<input type="checkbox"/>
9.	4.3.4	Forcible Entry	Force Entry Through Doors/Windows/Walls	<input type="checkbox"/>
10.	4.3.5	Exit Hazardous Area	Safely Exit as a Team	<input type="checkbox"/>
11.	4.3.6	Ground Ladders	Carry/Place/Use Ground Ladderspolicies	<input type="checkbox"/>
12.	4.3.7	Vehicle Fire	Safely Extinguish a Vehicle Fire	<input type="checkbox"/>
13.	4.3.8	Class A Fire	Exterior Attack Ordinary Combustibles	<input type="checkbox"/>
14.	4.3.9	Search and Rescue	Interior Search in Obscured Conditions	<input type="checkbox"/>
15.	4.3.10	Structure Fire Suppression	Make Interior Attack and Extinguish	<input type="checkbox"/>
16.	4.3.11	Horizontal Ventilation	Safely Make Ventilation Openings	<input type="checkbox"/>
17.	4.3.12	Vertical Ventilation	Safely Make Ventilation Openings	<input type="checkbox"/>
18.	4.3.13	Overhaul	Effectively Overhaul Interior Fire	<input type="checkbox"/>
19.	4.3.14	Salvage	Protect Interior Structure & Furnishing	<input type="checkbox"/>
20.	4.3.15	Establish Water Supply	Hook Pumper to Water Source	<input type="checkbox"/>
21.	4.3.16	Portable Extinguisher	Extinguisher Class A, B and C Fires	<input type="checkbox"/>
22.	4.3.17	Lighting	Effectively Illuminate Fire Scene/Structure	<input type="checkbox"/>
23.	4.3.18	Utilities	Switch Off Utility Services	<input type="checkbox"/>
24.	4.3.19	Ground Fires	Fight Field/Bush Fires	<input type="checkbox"/>
25.	4.3.20	Hoist Tools	Tie a Knot Appropriate for Tool Hoisting	<input type="checkbox"/>
26.	4.3.21	Air Monitoring	Operate an Aire-monitoring Instrument	<input type="checkbox"/>
27.	4.5.1	Clean & Maintain Equipment	Restore Tools/SCBA/Ropes/ETC to Service	<input type="checkbox"/>
28.	4.5.2	Clean & Maintain Hose	Restore Hose to Service	<input type="checkbox"/>
			<b>Pass/Fail</b>	<input type="checkbox"/>



## Skill #1 - General Skill Requirements

### 1001 Fire Fighter Level 1 (2019 Edition)

#### Objective: 4.1.2

The fire fighter candidate shall meet the general skill requirements in Objective 4.1.2.

**Tasks:** In this evolution you will:

- Don personal protective clothing within 1 minute
- Doff personal protective clothing and prepare for reuse
- Hoist tools and equipment using ropes and the correct knot
- Locate Department information such as SOP's or run books.

**Performance Conditions:** The candidate will complete assigned tasks

**Setting:** Simulated fire scenario, Fire Hall or another Department facility

**Tools/Equipment:** Bunker pants, coat, hood, gloves, and helmet, utility rope, forcible entry tools, pike pole, roof ladder, hose line, full protective equipment, and/or appliance, and department reference materials (department SOPs, Code books, etc.).

**Attainment Standard:** Successful completion of the Steps listed below.

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>1. Donning</b>					
Don personal protective clothing	<ul style="list-style-type: none"> <li>• Don pants and boots properly including suspenders in place.</li> <li>• Don hood.</li> <li>• Don coat-including storm flap closed and collar up and secured.</li> <li>• Don helmet</li> <li>• Don gloves.</li> </ul>				
<b>2. Doffing</b>					
	<ul style="list-style-type: none"> <li>• Place all equipment in a ready state for reuse.</li> </ul>				

## Skill #1 continued...

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>3. Hoist a Tool</b>					
Hoist a tool and/or piece of equipment using the correct knot(s).	<ul style="list-style-type: none"> <li>• Tie an approved knot(s) for the tools or equipment selected (i.e., bowline, figure eight on a bite, clove hitch, half hitch, and becket or sheet bend).</li> <li>• Utilize a safety knot for additional support.</li> <li>• Hoist or have hoisted a tool and/or piece of equipment to a designated height.</li> <li>• Untie the knot(s) without difficulty.</li> </ul> <p><b>Equipment to be tied:</b></p> <ul style="list-style-type: none"> <li>• Pike Pole: <input type="checkbox"/></li> <li>• Forcible Entry Tool: <input type="checkbox"/></li> <li>• Roof: <input type="checkbox"/></li> <li>• Hoseline: (Charged) <input type="checkbox"/></li> <li>• Hoseline: (Uncharged) <input type="checkbox"/></li> <li>• Other: <input type="checkbox"/></li> </ul>				
<b>4. Assign Tasks</b>					
Locate information in departmental documents and standard or code materials	<ul style="list-style-type: none"> <li>• Use department documents or training materials to locate SOP</li> </ul>				
<b>PASS/FAIL</b>					

## Skill #2 - Initiate a Response

### 1001 Fire Fighter Level 1 (2019 Edition)

#### Objective: 4.2.1

Initiate the response to a reported emergency, given the report of an emergency, fire department SOP's, 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.

**Tasks:** In this task you will receive a simulated emergency phone call, collect and record all necessary information and use Department radios to dispatch a response. **(4.2.1)**

Read to candidate prior to evaluation.

**Performance Conditions:** The candidate will complete assigned tasks during a simulated emergency

**Setting:** FD communications base or as appropriate

**Tools/Equipment:** Base or portable radio

**Attainment Standard:** Successful completion of the Steps listed below.

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>1. Operate Fire Department Communications Equipment</b>					
Ability to operate fire department communications equipment	<ul style="list-style-type: none"> <li>• Answered fire department telephone</li> <li>• Identified fire department and self</li> <li>• Asks questions to get all necessary information in accordance with local SOP's</li> </ul>				
<b>2. Relay Information</b>					
	<ul style="list-style-type: none"> <li>• Provides dispatch with accurate data</li> </ul>				
<b>3. Record information</b>					
	<ul style="list-style-type: none"> <li>• Recorded type and address of incident being reported</li> <li>• Recorded caller's name and telephone number</li> </ul>				
<b>PASS/FAIL</b>					

## Skill #3 - Receive a Telephone Call

### 1001 Fire Fighter Level 1 (2019 Edition)

#### Objective: 4.2.2

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.

**Tasks:** In this task you will receive a non-emergency phone call. Use your Department's SOP's or procedures to take a message and relay it to the appropriate person by a note or over an intercom.

#### (4.2.2)

Read to candidate prior to evaluation.

**Performance Conditions:** The candidate will complete assigned tasks during normal business hours at the Department.

**Setting:** FD communications base or as appropriate

**Tools/Equipment:** Telephone, note paper or message pad

**Attainment Standard:** Successful completion of the Steps listed below

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>1. Receive A Telephone Call</b>					
Ability to operate fire station telephone and intercom equipment	<ul style="list-style-type: none"> <li>• Answered fire department phone</li> <li>• Record message</li> <li>• Transferred call or forwarded message</li> </ul>				
<b>PASS/FAIL</b>					



## Skill #4 - Use Department Radio

### 1001 Fire Fighter Level 1 (2019 Edition)

#### Objective: 4.2.3

Transmit and receive messages via the 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.

**Tasks:** In this task you will receive a situation report to be transmitted by radio to another Department member. You must relay an accurate, complete and clear message. **(4.2.3)**

Read to candidate prior to evaluation.

**Performance Conditions:** The candidate will complete assigned tasks during a simulated emergency response.

**Setting:** FD communications base or as appropriate

**Tools/Equipment:** Base or portable radio, crew member to act a receiving party

**Attainment Standard:** Successful completion of the Steps listed below.

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>1. Operate Radio Equipment</b>					
The ability to operate radio equipment	<ul style="list-style-type: none"> <li>• Select assigned frequency</li> <li>• Holds microphone correctly</li> <li>• Spoke clearly</li> <li>• Depresses transmission button during call</li> </ul>				
<b>2. Discriminate Between Routine and Emergency Traffic</b>					
The ability to discriminate between routine and emergency traffic	<p><b><i>Routine Traffic</i></b></p> <ul style="list-style-type: none"> <li>• Rotate the selector knob to the assigned frequency.</li> <li>• Monitor radio traffic until the air is clear</li> <li>• Hold the microphone in transmit position, 1 to 2 inches from your mouth</li> <li>• Depress the transmit button, holding down until finished with the transmission.</li> <li>• Transmit a routine traffic message using department codes and local SOP's.</li> </ul>				

## Skill #4 continued....

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
The ability to discriminate between routine and emergency traffic	<p><b><i>Emergency Traffic</i></b></p> <ul style="list-style-type: none"> <li>• Depress the transmit button, holding down until finished with the transmission.</li> <li>• Announce “emergency traffic” (or departments standard emergency traffic break-in message), interrupting air traffic as necessary.</li> <li>• Wait for Incident Commander (IC) or dispatch to acknowledge.</li> <li>• Transmit emergency traffic message following local SOPs.</li> <li>• Repeat message until Command verifies given information.</li> </ul>				
<b>PASS/FAIL</b>					

## Skill #5 – Emergency call

### 1001 Fire Fighter Level 1 (2019 Edition)

#### Objective: 4.2.4

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

**Tasks:** In this task you will activate an emergency call for assistance as per your local SOPs. **(4.2.4)**

Read to candidate prior to evaluation.

**Performance Conditions:** The candidate will activate an emergency call during a simulated emergency response.

**Setting:** Acquired or training structure.

**Tools/Equipment:** Portable radio; SCBA, PPE, tools and equipment appropriate for an interior search, prop for restricted passage.

**Attainment Standard:** Successful completion of the Steps listed below.

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>1. Operate Radio Equipment</b>					
The ability to initiate an emergency call for assistance in accordance with the AHJ's procedures	<ul style="list-style-type: none"> <li>• Select assigned frequency</li> <li>• Holds microphone correctly</li> <li>• Spoke clearly</li> <li>• Depresses transmission button during call</li> <li>• Transmit emergency traffic message following department SOP's</li> </ul>				
<b>2. Proof Reports</b>					
The ability to use other methods of emergency calls for assistance	<ul style="list-style-type: none"> <li>• Activate PASS device</li> <li>• Activate flashlight and point towards ceiling</li> <li>• Make noise with tools</li> </ul>				
<b>PASS/FAIL</b>					

## Skill #6 - SCBA

### 1001 Fire Fighter Level 1 (2019 Edition)

#### Objective: 4.3.1

Use self-contained breathing apparatus (SCBA) during emergency operations, given SCBA and other personal protective equipment so that the SCBA is correctly donned and activated, 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 exited prior to air depletion.

**Tasks:** In this task you will don SCBA then enter and work as part of a team conducting a search and rescue assignment in a simulated interior fire. You will be evaluated on proper SCBA usage and your response to common SCBA emergencies. **(4.3.1)**

Read to candidate prior to evaluation.

**Performance Conditions:** As part of a group the candidate will complete assigned tasks during a simulated interior fire

**Setting:** Live-fire or mock-up training facility

**Tools/Equipment:** SCBA, PPE, tools and equipment appropriate for an interior search

**Attainment Standard:** Successful completion of the Steps listed below.

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>1. Ability to Control Breathing</b>					
Ability to control breathing	<ul style="list-style-type: none"> <li>Control breathing/skip breathing for two minutes.</li> <li><i>Inhale through the nose, exhale through the mouth, and control rate of breathing.</i></li> </ul>				
<b>2. Replace SCBA Air Cylinders</b>					
Replace SCBA air cylinders	<ul style="list-style-type: none"> <li>Close cylinder valve</li> <li>Bleed pressure</li> <li>Verify replacement cylinder</li> <li>Check cylinder valve opening</li> <li>Connect cylinder</li> <li>Open cylinder and check for leaks</li> </ul>				
<b>3. Exit Through Restricted Passages</b>					
Use SCBA to exit through restricted passages	<ul style="list-style-type: none"> <li>Reduce profile and remove SCBA (if necessary)</li> <li>Maintain protection of full PPE</li> </ul>				

## Skill #6 continued...

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>4. Emergency procedures in the event of SCBA failure</b>					
Initiate and complete emergency procedures in the event of SCBA failure or air depletion	<ul style="list-style-type: none"> <li>• Drop face to ground</li> <li>• Ensure cylinder valve is fully open and as well as regulator bypass valve</li> <li>• Create gap between chin and mask seal to take breath</li> <li>• Activate PASS device</li> <li>• Attempt to escape IDLH area immediately</li> </ul>				
<b>5. Donning Procedures</b>					
Complete donning procedures	<ul style="list-style-type: none"> <li>• Check cylinder pressure</li> <li>• Don SCBA and mask</li> <li>• Fasten all straps/buckles</li> <li>• Check face piece seal</li> <li>• Connect air supply</li> </ul>				
<b>PASS/FAIL</b>					

## Skill #7 - Respond on Apparatus

### 1001 Fire Fighter Level 1 (2019 Edition)

#### Objective: 4.3.2

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.

**Tasks:** In this task you will follow your Department's SOP's for responding on apparatus. You will be evaluated on mounting and dismounting the vehicle and the use of restraint devices. **(4.3.2)**

Read to candidate prior to evaluation.

**Performance Conditions:** The candidate will complete assigned tasks during a simulated emergency response

**Setting:** Department apparatus

**Tools/Equipment:** Fire apparatus, personal protective equipment, hearing protection, eye protection for those not in enclosed cabs, and SCBAs for those departments that require firefighters to don SCBAs while enroute to the emergency.

**Attainment Standard:** Successful completion of the Steps listed below.

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>1. Mounting Apparatus</b>					
Ability to use each piece of provided safety equipment while mounting the apparatus.	<ul style="list-style-type: none"> <li>Safely mounted apparatus, using handholds and steps</li> <li>Close door, safety bar, or gate to cab or compartment</li> <li>Assumed seated position and used seat belt</li> <li>Donned additional equipment if provided</li> </ul>				
<b>2. Dismounting Apparatus</b>					
Ability to use each piece of provided safety equipment while dismounting the apparatus.	<ul style="list-style-type: none"> <li>Wait for order(s) before leaving apparatus.</li> <li>Checked for on-coming traffic before dismounting</li> <li>Safely dismounted apparatus, using hand-holds and steps</li> </ul>				
<b>PASS/FAIL</b>					

## Skill #8 - Work at Emergency Scene

### 1001 Fire Fighter Level 1 (2019 Edition)

#### Objective: 4.3.3

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 SOP's, 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.

**Tasks:** In this task you will operate in a simulated emergency scene, within a protected area. You will begin by dismounting the apparatus and deploy traffic control and other scene control devices. **(4.3.3)**  
Read to candidate prior to evaluation.

**Performance Conditions:** The candidate will complete assigned tasks during a simulated emergency response

**Setting:** Simulated emergency scene adjacent to public roadway (closed course)

**Tools/Equipment:** PPE, Department apparatus, barrier tape, traffic cones

**Attainment Standard:** Successful completion of the Steps listed below.

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>1. Use Personal Protective Clothing</b>					
Ability to use personal protective clothing	<ul style="list-style-type: none"> <li>Donned PPE</li> <li>PPE worn according to manufacturer's guidelines</li> <li>All straps and buckles secured</li> </ul>				
<b>2. Survey Scene for Hazards</b>					
	<ul style="list-style-type: none"> <li>Survey emergency scene for hazards according to department SOPs.</li> <li>Identify potential for injury based on identified hazards.</li> <li>Verbalize a plan for mitigation of hazards.</li> </ul>				
<b>3. Dismount Apparatus</b>					
Dismount apparatus	<ul style="list-style-type: none"> <li>Checked for on-coming traffic, safely dismounted the apparatus</li> </ul>				

## Skill #8 continued...

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>4. Operate as Directed</b>					
Operate in the protected work area as directed	<ul style="list-style-type: none"> <li>Performed tasks as per IC</li> </ul>				
<b>5. Deploy Traffic and Scene Control Devices</b>					
Deploy traffic and scene control devices	<ul style="list-style-type: none"> <li>Survey emergency scene for hazards according to department SOPs.</li> <li>Deployed traffic control devices as per SOP's</li> <li>Verbalize how structure, roadway emergency scenes, and traffic hazards would be treated and isolated.</li> <li>Verbalize dynamic nature of scene safety.</li> <li>Describe measures to ensure continued scene safety.</li> </ul>				
<b>PASS/FAIL</b>					



## Skill #9 - Forcible Entry

### 1001 Fire Fighter Level 1 (2019 Edition)

#### Objective: 4.3.4

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.

**Tasks:** In this task you will use appropriate tools and techniques to force entry through a selection of doorways, windows and walls as directed by an evaluator. **(4.3.4)**

Read to candidate prior to evaluation.

**Performance Conditions:** After being assigned a forcible entry task the candidate will carry the necessary tools from an apparatus and complete the assigned entry.

**Setting:** Building or training props with doors, windows and sections of framed wall

**Tools/Equipment:** Apparatus, forcible entry tools, appropriate PPE

**Attainment Standard:** Successful completion of the Steps listed below.

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>1. Transport And Operate Hand and Power Tools</b>					
Ability to transport and operate hand and power tools	<ul style="list-style-type: none"> <li>Wore appropriate PPE</li> <li>Carried forcible entry tools safely</li> <li>Used forcible tools safely</li> </ul>				
<b>2. Force Entry Through Doors, Windows and Walls</b>					
Force entry through doors, windows and walls using assorted methods and tools.	<ul style="list-style-type: none"> <li>Sized up the situation (door/window)</li> <li>Tried before prying</li> <li>Correctly forced door/window</li> <li>Broke window/cleaned all glass</li> <li>Identified structural support members and successfully breached wall/floor</li> <li>Followed FD SOP's</li> </ul>				
<b>PASS/FAIL</b>					

## Skill #10 - Exit Hazardous Area

### 1001 Fire Fighter Level 1 (2019 Edition)

#### Objective: 4.3.5

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.

**Tasks:** In this task you will work as part of a team during a simulated emergency in vision-obscured conditions. While conserving your air supply and when directed you will use a guide or hoseline to find an interior area of refuge or exit the structure **(4.3.5)**

Read to candidate prior to evaluation.

**Performance Conditions:** The team will retreat to an area of refuge making sure that all team members are safe and accounted for.

**Setting:** Building or training facility

**Tools/Equipment:** Smoke generator or facepiece coverings, guide or hoseline, PPE

**Attainment Standard:** Successful completion of the Steps listed below.

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>1. Operate as a Team Member in Vision-Obscured Conditions</b>					
Ability to operate as a team member in vision-obscured conditions	<ul style="list-style-type: none"> <li>Determine immediate exit by team is required</li> <li>Maintained contact</li> </ul>				
<b>2. Follow A Guideline</b>					
Locate and follow a guideline.	<ul style="list-style-type: none"> <li>Located guideline or hoseline</li> <li>Exited hazardous area</li> </ul>				
<b>3. Conserve Air Supply</b>					
Conserve air supply.	<ul style="list-style-type: none"> <li>Controlled breathing techniques used</li> </ul>				
<b>4. Dismount Apparatus</b>					
Evaluate areas for hazards and identify a safe haven.	<ul style="list-style-type: none"> <li>Moved to safe area</li> <li>Communicated status to team and IC</li> <li>Followed FD SOP's</li> </ul>				
<b>PASS/FAIL</b>					

## Skill #11 - Ground Ladders

### 1001 Fire Fighter Level 1 (2019 Edition)

#### Objective: 4.3.6

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.

**Tasks:** In this task you will work as part of a team to select, carry, and lay a ground ladder at a location as directed by the evaluator so that the ladder is properly grounded and safe to climb. **(4.3.6)**

Read to candidate prior to evaluation.

**Performance Conditions:** Given a simulated assignment at a structure or training facility, the team will select, carry, lay, ground, and raise a department ground ladder.

**Setting:** Training ground or other appropriate location with a vertical structure or tower at least 3 m in height.

**Tools/Equipment:** Ground ladder, various sizes of extension ladders

**Attainment Standard:** Successful completion of the Steps listed below.

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>1. Carry Ladders</b>					
Carry ladders	<p><b>One person carry</b></p> <ul style="list-style-type: none"> <li>Lift and shoulder ladder properly from kneeling position</li> <li>Carry ladder with tip lowered slightly</li> </ul> <p><b>Two person carry</b></p> <ul style="list-style-type: none"> <li>Lift ladder properly from kneeling position (same side)</li> <li>Carry ladder butt end forward</li> <li>Back fire fighter gives commands</li> </ul> <p><b>Three person carry</b></p> <ul style="list-style-type: none"> <li>Lift ladder properly from kneeling position (middle fire fighter opposite side from end fire fighters)</li> <li>Carry ladder butt end forward</li> <li>Back firefighter gives commands</li> </ul>				

## Skill #11 continued...

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>2. Raise Ladders</b>					
Raise ladders	<p><b>One-person raise</b></p> <ul style="list-style-type: none"> <li>• Inspect for obstructions</li> <li>• Correctly butt ladder</li> <li>• Raise ladder until it rests against building</li> <li>• Move ladder out to desired angle</li> </ul> <p><b>Two-person raise</b></p> <ul style="list-style-type: none"> <li>• Inspect for obstructions</li> <li>• Correctly butt ladder</li> <li>• Use beam raise</li> <li>• Heel ladder correct distance from wall</li> <li>• Lower ladder gently onto building</li> </ul> <p><b>Three-person raise</b></p> <ul style="list-style-type: none"> <li>• Inspect for obstructions</li> <li>• Correctly butt ladder</li> <li>• Use flat raise</li> <li>• Heel ladder correct distance from wall</li> <li>• Lower ladder gently onto building</li> </ul>				
<b>3. Extend Ladders</b>					
Extend ladders	<ul style="list-style-type: none"> <li>• Position ladder correct distance from wall</li> <li>• Balance ladder with feet at butt</li> <li>• Extend fly section pulling halyard</li> </ul>				
<b>4. Lock Flies</b>					
Lock ladder fly sections	<ul style="list-style-type: none"> <li>• Engage ladder locks</li> <li>• Tie off halyard</li> </ul>				
<b>5. Wall and Roof Support</b>					
Determine that a wall and roof will support the ladder.	<ul style="list-style-type: none"> <li>• Strong points in building construction used</li> <li>• Walls or surfaces checked for stability</li> </ul>				
Judge extension ladder height requirements	<ul style="list-style-type: none"> <li>• 3-5 rungs above roof level - or/</li> <li>• Ladder tip even with window top - or/</li> <li>• Ladder tip just below windowsill</li> </ul>				

## Skill #11 continued...

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
Place the ladder to avoid obvious hazards.	Hazards avoided: <ul style="list-style-type: none"> <li>• Overhead obstructions</li> <li>• Uneven terrain or soft spots</li> <li>• Exposure to heat or flames</li> <li>• Trapdoors, grates, manholes, exits</li> </ul>				
<b>PASS/FAIL</b>					

## Skill #12 - Vehicle Fire

### 1001 Fire Fighter Level 1 (2019 Edition)

#### Objective: 4.3.7

Attack a passenger vehicle fire operating as a member of a team, given PPE, an 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.

**Tasks:** In this task you will work as a part of a team to identify automobile fuel types; assess and control fuel leaks; open, close, and adjust the flow and pattern on nozzles; apply water for maximum effectiveness while maintaining flash fire protection; advance 1½ in. (38 mm) or larger diameter attack lines; and expose hidden fires by opening all automobile compartments. **(4.3.7)**

Read to candidate prior to evaluation.

**Performance Conditions:** The team will select appropriate tools, properly attack and extinguish the fire, identify any hazards and maintain scene and public safety

**Setting:** Training ground or other appropriate location with a selection of properly prepared vehicle so that fuel/battery/lubricants are mitigated.

**Tools/Equipment:** Prepared vehicles, area safe for live-fire evolutions two independent water sources (pumpers), crew to act as RIT, safety officer.

**Attainment Standard:** Successful completion of the Steps listed below.

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>1. Identify Fuel Types</b>					
Ability to identify automobile fuel types	<ul style="list-style-type: none"> <li>• Correctly identify vehicle fuel type               <ul style="list-style-type: none"> <li>- Gasoline/diesel</li> <li>- Natural gas/propane</li> <li>- Hybrid/electric</li> </ul> </li> </ul>				
<b>2. Relay Information</b>					
Assess and control fuel leaks.	<ul style="list-style-type: none"> <li>• Fuel leak identified</li> <li>• Vapours suppressed</li> <li>• Spill controlled</li> </ul>				
<b>3. Record information</b>					
Open, close and adjust flow and pattern on nozzles.	<ul style="list-style-type: none"> <li>• Charge 38mm (1 ½") or larger diameter attack line</li> <li>• Pattern and flow checked and adjusted</li> </ul>				

## Skill #12 continued...

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>4. Effective Fire Streams</b>					
Apply water for maximum effectiveness while maintaining flash fire protection	<ul style="list-style-type: none"> <li>• Advance using fog pattern for protection</li> <li>• Extinguish fire under vehicle first using straight stream</li> <li>• Attack passenger compartment</li> <li>• Overhaul conducted</li> <li>• Hazards assessed</li> </ul>				
<b>5. Advance Handlines</b>					
Advance 38 mm (1 ½ in.) or larger diameter attack lines	<ul style="list-style-type: none"> <li>• Approach from up-wind, up-hill</li> </ul>				
<b>6. Observe Results</b>					
Observe results that a fire stream has been properly applied	<ul style="list-style-type: none"> <li>• Evaluate effectiveness of fire stream(s)</li> <li>• Change patterns/application as needed</li> <li>• Confirm extinguishment</li> </ul>				
<b>7. Expose Hidden Fires</b>					
Expose hidden fires by opening all automobile compartments	<ul style="list-style-type: none"> <li>• Extinguish fire in engine compartment</li> <li>• Extinguish fire in trunk</li> </ul>				
<b>PASS/FAIL</b>					

## Skill #13 - Class A Fire

### 1001 Fire Fighter Level 1 (2019 Edition)

#### Objective: 4.3.8

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.

**Tasks:** In this task you will recognize inherent hazards related to the material's configuration, operate handlines or master streams, break up material using hand tools and water streams, evaluate for complete extinguishment, operate hose lines and other water application devices, evaluate, and modify water application for maximum penetration, search for and expose hidden fires, assess patterns for origin determination, and evaluate for complete extinguishment. **(4.3.8)**

Read to candidate prior to evaluation.

**Performance Conditions:** The candidate will use a hose stream to protect his/her advance; make effective use of water; extinguish the fire; conduct overhaul and protect the area(s) of origin

**Setting:** Training ground or other safe location for live-fire evolutions with Class materials in stacks/piles; or small sheds or outbuildings.

**Tools/Equipment:** Selection of hand tools, two independent water sources (pumpers), crew to act as RIT, safety officer.

**Attainment Standard:** Successful completion of the Steps listed below.

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>1. Recognize Hazards</b>					
Recognize inherent hazards related to the materials configuration	<ul style="list-style-type: none"> <li>Hazards identified</li> <li>Collapse potential identified</li> </ul>				
<b>2. Operate Attack Line</b>					
Operate handlines or master streams	<ul style="list-style-type: none"> <li>Properly charge hoseline</li> <li>Check nozzle pattern</li> <li>Attack fire</li> <li>Change pattern as required</li> </ul>				
<b>3. Effective Attack</b>					
Break up material using hand tools and water streams	<ul style="list-style-type: none"> <li>Search for and expose hidden fires</li> <li>Overhaul/break up material</li> <li>Extinguish hotspots</li> </ul>				



## Skill #13 continued...

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>4. Evaluate Extinguishment</b>					
Evaluate for complete extinguishment.	<ul style="list-style-type: none"> <li>• Confirm extinguishment</li> </ul>				
<b>5. Operate Hose Lines</b>					
Operate hose lines and other water application devices	<ul style="list-style-type: none"> <li>• Modify nozzle patterns</li> </ul>				
<b>6. Operate Hose Streams</b>					
Evaluate and modify water application for maximum penetration	<ul style="list-style-type: none"> <li>• Effective water use</li> </ul>				
<b>7. Overhaul</b>					
Search for and expose hidden fires	<ul style="list-style-type: none"> <li>• Search for and expose hidden fires</li> <li>• Overhaul/break up material</li> <li>• Extinguish hotspots</li> </ul>				
<b>8. Assess Fire Patterns</b>					
Assess patterns for origin determination	<ul style="list-style-type: none"> <li>• Area of origin identified</li> </ul>				
<b>9. Evaluate Extinguishment</b>					
Evaluate for complete extinguishment	<ul style="list-style-type: none"> <li>• Confirm extinguishment</li> </ul>				
<b>PASS/FAIL</b>					

## Skill #14 - Search and Rescue

### 1001 Fire Fighter Level 1 (2019 Edition)

#### Objective: 4.3.9

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 the 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.

**Tasks:** In this task you will conduct an interior search and rescue as part of a team. You will be assigned a search area by the evaluator. You must assemble the necessary tools and equipment before entering and follow your Department's SOP's for conducting a search. You will use a charged hand line. The evaluation will begin as soon as you are given your assignment. **(4.3.9)**

Read to candidate prior to evaluation.

**Performance Conditions:** As part of a team the candidate will select the proper hand tools; ensure they have a properly charged hand line; conduct a systematic search in a vision-obscured setting; locate and remove the victim(s) to safety.

**Setting:** Acquired structure or other vertical structure at least two stories in height

**Tools/Equipment:** Selection of hand tools; Full personal protective clothing including SCBA (on air), various sized ladders; charged hand line; crew member(s) to act as victims(s); smoke machine.

**Attainment Standard:** Successful completion of the Steps listed below.

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>1. Exit Through Restricted Passages</b>					
Use SCBA to exit through restricted passages	<ul style="list-style-type: none"> <li>• Reduce profile</li> <li>• Remove SCBA (if necessary)</li> <li>• Maintain protection of full PPE</li> </ul>				
<b>2. Ladder Structure</b>					
Set up and use different types of ladders for various types of rescue operations	<ul style="list-style-type: none"> <li>• Use check sheet from Exercise 10 - Ground Ladders</li> </ul>				
<b>3. Rescue - Select one of the three scenarios listed below:</b>					

## Skill #14 continued...

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>Scenario A</b> Rescue a firefighter with functioning respiratory protection.	<ul style="list-style-type: none"> <li>• Safe entry made w/ appropriate tools</li> <li>• Structure searched using pattern / team communication maintained</li> <li>• Stopped to listen occasionally</li> <li>• Victim located</li> <li>• Air supply checked</li> <li>• Victim removed</li> </ul>				
<b>Scenario B</b> Rescue a firefighter whose respiratory protection is not functioning.	<ul style="list-style-type: none"> <li>• Safe entry made w/ appropriate tools</li> <li>• Structure searched using pattern / team communication maintained</li> <li>• Stopped to listen occasionally</li> <li>• Victim located</li> <li>• Air supply checked</li> <li>• Full cylinder connected – or -quick</li> <li>• -connect supply established</li> <li>• Victim removed</li> </ul>				
<b>Scenario C</b> Rescue a person who has no respiratory protection	<ul style="list-style-type: none"> <li>• Safe entry made w/ appropriate tools</li> <li>• Structure searched using pattern / team communication maintained</li> <li>• Stopped to listen occasionally</li> <li>• Victim located</li> <li>• Victim removed</li> </ul>				
<b>4. Assess Tenability</b>					
Assess areas to determine tenability	<ul style="list-style-type: none"> <li>• Location and extent of the fire identified</li> <li>• Collapse risk assessed</li> </ul>				
<b>PASS/FAIL</b>					

## Skill #15 - Structural Fire Suppression

### 1001 Fire Fighter Level 1 (2019 Edition)

#### Objective: 4.3.10

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.

This a live-fire exercise: Provision of a Rapid Intervention Team (RIT) with an independent water supply is mandatory.

**Tasks:** In this task you will work as part of a team to extinguish a single-room interior fire. Conduct your entry, approach, attack and control of the fire as per your Department's SOP's. A Rapid Intervention Team is standing by, and a Safety Officer is assigned. **(4.3.10)**

If at any time during this evolution you feel the need to withdraw for safety reasons - or you are ordered to exit - follow your Department's procedures. There will be no penalty assessed. **Introduce the assigned Safety Officer and review the Department's mayday and withdrawal SOP's**  
Read to candidate prior to evaluation.

**Performance Conditions:** As part of a team the candidate will enter, approach, attack and control a single room fire

**Setting:** Acquired structure or training facility

#### Tools/Equipment:

Full PPE with SCBA (on air) Selection of hand tools; hose tools; two charged hand lines provided from separate water sources (pumpers); crew members to act as RIT; Safety Officer and the NFPA 1403 Live Fire Training standard to refer to.

**Attainment Standard:** Successful completion of the Steps listed below.

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>1. Prepare Handline</b>					
<ul style="list-style-type: none"> <li>Ability to prevent water hammers when shutting down nozzles</li> <li>Open, close and adjust nozzle flow and patterns</li> </ul>	<ul style="list-style-type: none"> <li>Bleed air from the line</li> <li>Operation of nozzle checked</li> <li>Correct pattern selected</li> </ul>				
<b>2. Attack</b>					
Apply water using direct, indirect, and combination attacks	Demonstrate/describe direct, indirect and combination fire attack techniques				

## Skill #15 continued...

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>3. Advance Hoselines</b>					
Advance charged and uncharged 33 mm (1 ½ in.) diameter or larger hose lines up ladders and up and down interior and exterior stairways	<b>Select one of the scenarios listed below:</b>				
<b>Option A</b> Advanced an uncharged 38 mm (1 ½") diameter or larger hose lines up a ladder	<ul style="list-style-type: none"> <li>• FF's drape hose over shoulder as climbing</li> <li>• One FF per ladder section</li> <li>• Rope or utility straps used to carry/secure hose</li> </ul>				
<b>Option B</b> Advanced a charged 38 mm (1 ½") diameter or larger hose lines up a ladder	<ul style="list-style-type: none"> <li>• FF's position themselves within reach of each other using leg-lock or ladder belt</li> <li>• Hose passed hand-to-hand from FF to FF</li> </ul>				
<b>Option C</b> Advanced uncharged 38 mm (1 ½") diameter or larger hose lines up and down interior and exterior stairways	<ul style="list-style-type: none"> <li>• FF's select adequate length of hose</li> <li>• Hose shoulder carried</li> <li>• Hose placed along outside wall of staircase</li> <li>• Excess hose laid above fire floor</li> </ul>				
<b>Option D</b> Advanced charged 38 mm (1 ½") diameter or larger hose lines down interior and exterior stairways	<ul style="list-style-type: none"> <li>• FF's positioned on each floor/landing</li> <li>• Hose placed along outside wall of staircase</li> <li>• Excess hose not allowed to build up on fire floor landing</li> </ul>				
<b>4. Extend Hose Lines</b>					
Extend hose lines	<ul style="list-style-type: none"> <li>• Bleed air and check nozzle for correct pattern</li> <li>• All team members on same side of hose</li> <li>• FF's stay low to avoid blocking ventilation</li> <li>• Prevent pinched or kinked hose</li> </ul>				

## Skill #15 continued...

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>5. Replace Burst Hose</b>					
Replace burst hose sections	<ul style="list-style-type: none"> <li>Retrieve two sections of new hose</li> <li>Couple two new sections to replace single burst hose</li> </ul>				
<b>6. Operate Hoseline from Ladder</b>					
Operate charged hose lines of 38 mm (1 ½") diameter or larger while secured to a ground ladder.	<ul style="list-style-type: none"> <li>Position nozzle through rungs</li> <li>Secure charged line to ladder</li> </ul>				
<b>7. Make Hoseline Connections</b>					
Couple and uncouple various handline connections	<ul style="list-style-type: none"> <li>Pull pre-connected line and add hose lengths -or-</li> <li>Assemble hoseline from rolled lengths</li> </ul>				
<b>8. Carry Hose</b>					
Carry hose	<ul style="list-style-type: none"> <li>Demonstrate charged working line hose drag</li> <li>Demonstrate over-shoulder carry of minuteman or other hose bundle</li> </ul>				
<b>9. Fire Attack</b>					
Choose to attack fires at either: grade level, above, or below grade level.  Circle your choice.	<ul style="list-style-type: none"> <li>Size up fire situation/select attack method</li> <li>Advance to and secure point of entry</li> <li>Use proper hoseline techniques – maintain thermal balance</li> <li>Secure and maintain clear path to exit</li> <li>Apply proper fire attack techniques during each phase of fire</li> </ul>				
<b>10. Fire Extension</b>					
Locate and suppress interior wall and subfloor fires	<ul style="list-style-type: none"> <li>Use appropriate hand and power tools to check for fire extension</li> <li>Open walls, ceilings, and floors back to unburned material</li> </ul>				
<b>PASS/FAIL</b>					

## Skill #16 - Horizontal Ventilation

### 1001 Fire Fighter Level 1 (2019 Edition)

#### Objective: 4.3.11

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.

**Tasks:** In this task you will work as part of a team to establish horizontal ventilation of a smoke-filled structure. The evaluator will direct you to the location where ventilation is required. The evaluation begins when you are given your assignment. **(4.3.11)**

Read to candidate prior to evaluation.

**Performance Conditions:** As part of a team the candidate will make a horizontal opening and conduct mechanical or hydraulic ventilation

**Setting:** Acquired structure or training facility

**Tools/Equipment:** Selection of hand tools; charged handline; ventilation fans, ground ladders, full personal protective equipment with SCBA (on air determined by proctor).

**Attainment Standard:** Successful completion of the Steps listed below.

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>1. Assemble/Transport Required Equipment</b>					
Ability to transport and operate ventilation tools, and equipment and ladders	<ul style="list-style-type: none"> <li>Equipment transported safely</li> <li>Heavy equipment carried by two fire fighters</li> </ul>				
<b>2. Ventilation - use one of the options below</b>					
<b>Positive Pressure (PPV)</b>	<ul style="list-style-type: none"> <li>Place fan near opening 90 degrees off-axis</li> <li>Ensure ventilation exhaust exit open</li> <li>Direct fan to cover opening</li> </ul>				
<b>Negative Pressure (NPV)</b>	<ul style="list-style-type: none"> <li>Fan hung at top of opening</li> <li>Tarp use to block remainder of opening</li> </ul>				
<b>Hydraulic</b>	<ul style="list-style-type: none"> <li>Locate opening</li> <li>Set fog pattern covering 90% of opening</li> <li>Nozzle 2' back from opening</li> </ul>				

## Skill # 16 continued...

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>3. Clear Opening</b>					
Use safe procedures for breaking window and door glass and removing obstructions	<ul style="list-style-type: none"> <li>• PPE worn</li> <li>• Tool used from above and up wind</li> <li>• All glass removed out of frame</li> </ul>				
<b>PASS/FAIL</b>					



## Skill #17 - Vertical Ventilation

### 1001 Fire Fighter Level 1 (2019 Edition)

#### Objective: 4.3.12

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.

**Tasks:** In this task you will work as part of a team to establish vertical ventilation of a smoke-filled structure. The evaluator will direct you to the roof location where ventilation is required. At the completion of the ventilation task, you will retreat from the roof. The evaluation begins when you are given your assignment. Evaluation ends when all team members, equipment and ladders are on the ground. **(4.3.12)**

Read to candidate prior to evaluation.

**Performance Conditions:** As part of a team the candidate will make a ventilation opening in a pitched or flat roof

**Setting:** Acquired structure or training facility

**Tools/Equipment:** Selection of hand tools; charged handline; ventilation fans, ground, and roof ladders; full personal protective clothing including SCBA (on air when on roof).

**Attainment Standard:** Successful completion of the Steps listed below.

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>1. Assemble/Transport Required Equipment</b>					
The ability to transport and operate ventilation tools and equipment	<ul style="list-style-type: none"> <li>Equipment transported safely</li> <li>Heavy equipment carried by two fire fighters</li> </ul>				
<b>2. Hoist Tools</b>					
Hoist ventilation tools to a roof	<ul style="list-style-type: none"> <li>As per SOP's</li> </ul>				
<b>3. Cut Roofing</b>					
Cut roofing and flooring materials to vent flat roofs, pitched roofs and basements	<ul style="list-style-type: none"> <li>Outline ventilation opening</li> <li>Material removed</li> <li>1st cut furthest side of ventilation opening</li> <li>No supporting members cut</li> <li>Decking material removed</li> </ul>				

## Skill #17 continued...

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>4. Sound Roof</b>					
Sound a roof for integrity	<ul style="list-style-type: none"> <li>• Use axe or other appropriate hand tool</li> <li>• Sound all areas that can be reached from position on ladder</li> </ul>				
<b>5. Clear Opening</b>					
Use safe procedures for breaking window and door glass and removing obstructions	<ul style="list-style-type: none"> <li>• Use axe or other hand tools</li> <li>• Opening clear of blockage and snag points</li> </ul>				
<b>6. Deploy Ground Ladders</b>					
Select, carry, deploy, and secure ground ladders for ventilation activities	<ul style="list-style-type: none"> <li>• As per SOP's</li> </ul>				
<b>7. Deploy Roof Ladders</b>					
Deploy roof ladders on pitched roofs while secured to a ground ladder	<ul style="list-style-type: none"> <li>• Open hooks while ladder on ground</li> <li>• Advance roof ladder up ground ladder</li> <li>• Slide roof ladder along beam to peek and set hooks on opposite slope</li> </ul>				
<b>8. Carry Tools on Ladders</b>					
Carry ventilation-related tools and equipment while ascending and descending ladders.	<ul style="list-style-type: none"> <li>• Tool held firmly</li> <li>• Slide on outside of beam</li> <li>• Long tools passed from ground to roof by fire fighter on ladder</li> <li>• Leg lock used</li> </ul>				
<b>PASS/FAIL</b>					

## Skill #18 - Overhaul

### 1001 Fire Fighter Level 1 (2019 Edition)

**Objective: 4.3.13** 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.

**Tasks:** In this task you will work as part of a team to overhaul the interior of a structure to ensure the fire has been extinguished. You will select the required tools and equipment, enter the structure and complete the assignment. You are cautioned to maintain structural integrity of the building at all times. The evaluation starts when you are given the assignment and ends when your crew has safely left the structure. **(4.3.13)**

Read to candidate prior to evaluation.

**Performance Conditions:** The candidate will work as part of team to open walls, floors and ceilings to ensure a fire has been completely extinguished.

**Setting:** Acquired structure or training facility

**Tools/Equipment:** Selection of hand tools; hose tools; two charged hand lines provided from separate water sources (pumpers); crew members to act as RIT; Safety Officer; full personal protective equipment including SCBA (on air).

**Attainment Standard:** Successful completion of the Steps listed below.

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>1. Use Handline</b>					
The ability to deploy and operate an attack line	Use exercise <b>14 - Structural Fire Suppression</b> to evaluate this requirement				
<b>2. Remove Wall, Floor and Ceiling Cladding</b>					
Remove flooring, ceiling, and wall components to expose void spaces without compromising structural integrity	<ul style="list-style-type: none"> <li>Use appropriate hand and power tools to check for fire extension</li> <li>Open walls, ceilings, and floors back to unburned material</li> <li>Structural members not compromised</li> </ul>				
<b>3. Apply Water</b>					
Apply water for maximum effectiveness	<ul style="list-style-type: none"> <li>Correct pattern selected</li> <li>Use water conservation techniques</li> <li>Expose before application</li> </ul>				

## Skill #18 continued...

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>4. Expose Hidden Fires</b>					
Expose and extinguish hidden fires in walls, ceilings, and subfloor spaces	<ul style="list-style-type: none"> <li>Remove cladding until unburned areas are exposed</li> <li>Remove insulation/vapour barriers</li> </ul>				
<b>5. Preserve Area of Origin</b>					
Recognize and preserve obvious signs of area of origin and arson	<ul style="list-style-type: none"> <li>Area of origin identified</li> <li>No unnecessary damage done as part of overhaul</li> <li>Scene secured</li> </ul>				
<b>6. Confirm Extinguishment</b>					
Evaluate for complete extinguishment	<ul style="list-style-type: none"> <li>Monitor area</li> <li>Set fire watch as required</li> <li>Use thermal camera if available</li> </ul>				
<b>PASS/FAIL</b>					

## Skill #19 - Salvage

### 1001 Fire Fighter Level 1 (2019 Edition)

#### Objective: 4.3.14

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.

**Tasks:** In this task you will work as part of a team to complete a salvage assignment. vision-obscured conditions. The evaluation begins when the assignment is made. **(4.3.14)**

Read to candidate prior to evaluation.

**Performance Conditions:** The candidate will work as part of team so that the building and its contents are protected from further damage.

**Setting:** Acquired structure or training facility.

**Tools/Equipment:** Selection of hand tools; salvage tarps and equipment, ladders; PPE (SCBA as per evaluator request).

**Attainment Standard:** Successful completion of the Steps listed below

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>1. Group Furnishings</b>					
The ability to cluster furniture	<ul style="list-style-type: none"> <li>Group in centre of room</li> <li>Elevate furniture</li> </ul>				
<b>2. Deploy Covers</b>					
Deploy covering materials	<ul style="list-style-type: none"> <li>Objects are covered</li> <li>Loose edges tucked in</li> <li>Water runs off</li> </ul>				
<b>3. Restore Salvage Covers</b>					
Roll and fold salvage covers for reuse	<ul style="list-style-type: none"> <li>Roll salvage cover for one-person spread</li> <li>Fold salvage cover for one-person spread</li> <li>Fold salvage cover for two person spread</li> </ul>				

## Skill #19 continued...

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>4. Catch-alls and Water Chutes</b>					
Construct water chutes and catch-alls	<ul style="list-style-type: none"> <li>• Water chute</li> <li>• Lay cover flat</li> <li>• Roll edges up (with or without pike pole)</li> <li>• 1-meter width between rolls</li> <li>• Chute collects and channels water</li> <li>• Catch-all</li> <li>• Lay cover flat</li> <li>• Roll 2 opposite sides in 1 meter</li> <li>• Make envelope fold in other ends and roll to lock</li> </ul>				
<b>5. Remove Water</b>					
Remove water	<ul style="list-style-type: none"> <li>• Water chute used</li> <li>• Drains opened</li> <li>• Dewatering devices used</li> </ul>				
<b>6. Cover Openings</b>					
Cover building openings, including doors, windows, floor openings and roof openings	<ul style="list-style-type: none"> <li>• Openings covered and secured</li> </ul>				
<b>7. Confirm Extinguishment</b>					
Separate, remove and relocate charred material to a safe location while protecting the area of origin for cause determination	<ul style="list-style-type: none"> <li>• Charred material removed</li> <li>• Area of origin identified &amp; undisturbed</li> <li>• Area of origin secured</li> <li>• Runners used to protect carpet/flooring</li> </ul>				
<b>8. Stop Sprinkler Flow</b>					
Stop the flow of water from a sprinkler with sprinkler wedges or stoppers	<ul style="list-style-type: none"> <li>• Flow of water stopped</li> </ul>				
<b>9. Close Main Sprinkler Valve</b>					
Operate a main control valve on an automatic sprinkler system	<ul style="list-style-type: none"> <li>• Close OS&amp;Y valve by turning clockwise until stem is flush with wheel</li> <li>• Unlock PIV wrench from body</li> <li>• Close PIV valve by turning clockwise until window indicates "closed"</li> </ul>				
<b>PASS/FAIL</b>					

## Skill #20 - Establish Water Supply

### 1001 Fire Fighter Level 1 (2019 Edition)

#### Objective: 4.3.15

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.

**Tasks:** In this task you will work as part of a team to establish a water supply to a department pumper. You will be given an assignment identifying the type of water source to be used. The evaluation begins when the pumper arrives at the water source. **(4.3.15)**

Read to candidate prior to evaluation.

**Performance Conditions:** The candidate will correctly select the necessary supply hoses, secure the required hose tools and appliances, and make positive connections to the pumper.

**Setting:** Training area or other safe location with water supply

**Tools/Equipment:** Pumper with operator, supply hose, PPE, hose tools and appliances

**Attainment Standard:** Successful completion of the Steps listed below.

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>1. Lay Hose</b>					
The ability to hand lay a supply hose	<ul style="list-style-type: none"> <li>Select correct hose(s)</li> <li>Protects couplings</li> <li>Lays hose so that access to scene by other vehicles not blocked</li> </ul>				
<b>2. Suction Hose</b>					
Connect and place hard suction hose for drafting operations	<ul style="list-style-type: none"> <li>Suction hose(s) tightly connected</li> <li>Strainer/float used</li> </ul>				
<b>3. Portable Tanks</b>					
Deploy portable water tanks as well as the equipment necessary to transfer water between and draft from them	<ul style="list-style-type: none"> <li>Select level location with good access</li> <li>Connect/place suction hose as per local SOP's</li> <li>Use strainer/float as per local SOP's</li> <li>Place and secure siphon device</li> </ul>				

## Skill #20 continued...

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>1. Hydrant Connections</b>					
Make hydrant-to-pumper hose connections for forward and reverse lays	<b>Forward Lay</b> <ul style="list-style-type: none"> <li>• Dismount vehicle safely</li> <li>• Remove a sufficient length of supply hose(s) per local SOP's</li> <li>• Secure hose and hydrant tools</li> <li>• Wrap and secure hose(s) around hydrant</li> <li>• Signal operator to proceed</li> <li>Reverse Lay</li> <li>• Dismount vehicle safely</li> <li>• Secure hose and hydrant tools</li> <li>• Attach reverse couplings as per local SOP's or deploy preloaded reverse lay hose load</li> <li>• Remove a sufficient length of supply hose(s) per local SOP's</li> <li>• Secure hose at pumper as per local SOP's</li> <li>• Remount vehicle safely</li> <li>• Connect supply hose(s) to pumper with reverse couplings as required</li> <li>• Separate sufficient hose to make pumper - hydrant connection</li> </ul>				
<b>2. Connect to Hydrant</b>					
Connect supply hose to a hydrant	<ul style="list-style-type: none"> <li>• Flush hydrant per local SOP's</li> <li>• Remove cap(s) on outlets(s) to be used</li> <li>• Connect supply hose</li> <li>• Tighten caps on unused outlets</li> <li>• Open hydrant slowly</li> </ul>				
<b>3. Operate Hydrant</b>					
Fully open and close the hydrant	<ul style="list-style-type: none"> <li>• Tighten hydrant outlet caps not used</li> <li>• Fully open hydrant</li> <li>• Fully close hydrant</li> <li>• Check for drainage</li> <li>• Replace cap</li> </ul>				
<b>PASS/FAIL</b>					



## Skill #21 - Portable Extinguishers

### 1001 Fire Fighter Level 1 (2019 Edition)

#### Objective: 4.3.16

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.

**Tasks:** You will attack and extinguish Class A, B and C fires with portable extinguishers. The evaluation starts after you will be told what class the material burning comes from. **(4.3.16)**

Read to candidate prior to evaluation.

**Performance Conditions** The candidate will select the appropriate extinguisher type, approach the fire, use proper technique to extinguish the fire and withdraw safely.

**Setting:** Training area or other safe location with water supply for RIT

**Tools/Equipment:** Selection of A, B and C type portable extinguishers, full protection equipment.

**Attainment Standard:** Successful completion of the Steps listed below.

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>1. Identify Class of Fire</b>					
	<ul style="list-style-type: none"> <li>Identify the class of fire and select the appropriate extinguisher below based upon the size and type of fire.</li> </ul>				
<b>2. Extinguish Fire Using Appropriate Extinguisher</b>					
Extinguish an Incipient Class A, B, or C fire with a portable fire extinguisher.	<ul style="list-style-type: none"> <li>Visual Inspection – check that the extinguisher is properly charged.</li> <li>Identify a safe means of egress</li> <li>Carry the extinguisher to within reach of the fire.               <ul style="list-style-type: none"> <li>Carry the extinguisher upright</li> <li>Approach from upwind of the fire</li> </ul> </li> <li>Pull the pin and/or puncture the cartridge</li> <li>Aim the nozzle toward the base of the fire</li> </ul>				

## Skill #21 continued...

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
	<ul style="list-style-type: none"> <li>• Squeeze Handles together to release a short burst to test the extinguisher, then squeeze continuously to release the agent.               <ul style="list-style-type: none"> <li>- Maintain control of the nozzle.</li> <li>- Point the nozzle horn in safe direction</li> </ul> </li>   <li>• <b>Class A</b> - Sweep slowly back and forth across the entire width of fire and from the bottom toward the top of the fuel.  <b>Class B</b> – Sweep slowly back and forth across the entire width of fire, keeping the nozzle parallel to the fuel surface and working from the forward edge of the fuel to the back. Avoid splashing liquid fuels and plunging or gouging the agent into the fuel.  <b>Class C</b> – Sweep slowly back and forth across the entire width of fire</li> <li>• Cover the entire area with (water/dry chemical agent) until the fire is completely extinguished.</li> <li>• Back away from the fire area            Tag the extinguisher for recharge and inspection.</li> </ul>				
	<b>PASS/FAIL</b>				

## Skill #22 - Scene Lighting

### 1001 Fire Fighter Level 1 (2019 Edition)

#### Objective 4.3.17

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

**Tasks:** In this task you will select, place, and operate portable scene lighting equipment. You must use a portable electrical generator. The evaluation begins when you are assigned a specific area to light. Read to candidate prior to evaluation.

**Performance Conditions:** The candidate will select the appropriate equipment, start, and run the generator, run electrical cords, and place lighting units such that they provide adequate illumination.

**Setting:** Training area or other safe location

**Tools/Equipment:** Lighting equipment, electrical cords, electrical generator, reset ground fault (GFI) devices and full personal protection equipment.

**Attainment Standard:** Successful completion of the Steps listed below

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>1. Operate Equipment</b>					
The ability to operate department power supply and lighting equipment	<ul style="list-style-type: none"> <li>Operate and start as per SOP and manufacturer's guidelines</li> </ul>				
<b>2. Deploy Lighting Equipment</b>					
Set Up- Apparatus-mounted Lights	<ul style="list-style-type: none"> <li>Unlock pike poles</li> <li>Extend lights to the appropriate height.</li> <li>Reset ground-fault interrupter (GFI) devices, if necessary</li> <li>Turn on lights</li> <li>Adjust direction and angle of the lights to best illuminate the scene</li> </ul>				

## Skill #22 continued...

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
Set Up Portable Lights	<ul style="list-style-type: none"> <li>• Remove portable lights from apparatus</li> <li>• Remove power cord reels or extend power cords from apparatus-mounted reels.</li> <li>• Position the portable lights to best illuminate the scene</li> <li>• Connect the lights to power cord</li> <li>• If power cords are not hard-wired to the apparatus electrical system, plug in power cords to power outlets</li> <li>• Ensure there are no trip hazards</li> <li>• Reset ground-fault interrupter (GFI) devices, if necessary</li> <li>• Turn on lights</li> <li>• Adjust direction and angle of the lights to best illuminate the scene</li> </ul>				
<b>PASS/FAIL</b>					

## Skill #23 - Utilities

### 1001 Fire Fighter Level 1 (2019 Edition)

#### Objective: 4.3.18

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

**Tasks:** In this task you will identify and make safe utility supplies to a structure. The evaluation will begin when the structure is identified, and you are assigned to safety the utilities **(4.3.18)**

Read to candidate prior to evaluation.

**Performance Conditions:** The candidate will identify all utility services to the structure, make them safe and identify hazards that cannot be mitigated by fire fighters.

**Setting:** Building or training facility

**Tools/Equipment:** Smoke generator or PPE (face piece coverings), guide or hoseline, hand tools for controlling utilities, and utility service boxes.

**Attainment Standard:** Successful completion of the Steps listed below.

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>1. Identify Utilities</b>					
The ability to identify utility control devices	<ul style="list-style-type: none"> <li>Identified electrical main panel, natural gas meter or LPG/CNG-storage tank/cylinder and water utility control switches and valves</li> </ul>				
<b>2. Operate Valves, Switches</b>					
<i>Always use <b>CAUTION</b> when performing this skill and refer to local SOPs for further guidance.</i>					
Operate control valves or switches	<ul style="list-style-type: none"> <li>Electrical main breaker was turned "off"</li> <li><b>NOTE: Individual breakers may have to be used if there is not a main breaker switch. Note any tripped breakers.</b></li> <li><b>CAUTION: do not stand in front of the panel when shutting off utilities.</b></li> <li>Natural gas cock set to "off" or LPG/CNG turn valve clockwise to close.</li> <li>Water turn valve was turned clockwise to close or water valve cross way to direction of flow</li> </ul>				

## Skill #23 continued...

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>3. Assess Hazards</b>					
Assess for related hazards	<ul style="list-style-type: none"> <li>• Hazards identified and eliminated</li> <li>• Hazards requiring outside assistance to be mitigated identified to IC</li> </ul>				
	<b>PASS/FAIL</b>				

## Skill #24 - Ground Fires

### 1001 Fire Fighter Level 1 (2019 Edition)

#### Objective: 4.3.19

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.

**Tasks:** As part of a team, you will control a ground cover fire adjacent to simulated exposure risks. You will select the appropriate control method and extinguish or isolate the fire so that the exposures are protected. **(4.3.19)**

Read to candidate prior to evaluation.

**Performance Conditions:** The candidate will select the appropriate tools, plan out a protection or extinguishing strategy and carry out the plan while maintaining contact with team members.

**Setting:** Isolated area of grass or other low ground cover.

**Tools/Equipment:** Wildland PPE, selection of wildland fire fighting tools, pumper or independent water, source handlines.

**Attainment Standard:** Successful completion of the Steps listed below.

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>1. Identify Threats</b>					
The ability to determine exposure threats based on fire spread potential	<ul style="list-style-type: none"> <li>Identify potential property at risk</li> <li>Identify fire spread potential</li> </ul>				
<b>2. Protect Exposures</b>					
Protect exposures	<ul style="list-style-type: none"> <li>Fire line established</li> </ul>				
<b>3. Construct Fire Line</b>					
Construct a fire line or extinguish with hand tools	<ul style="list-style-type: none"> <li>Open flame smothered with hand tools</li> <li>Fire line constructed down to mineral soil</li> </ul>				
<b>4. Maintain Fire Lines</b>					
Maintain integrity of established fire lines	<ul style="list-style-type: none"> <li>All combustible material removed</li> </ul>				

## Skill #24 continued...

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>5. Suppress with Water</b>					
Suppress ground cover fires using water	<ul style="list-style-type: none"> <li>Deploy handlines, forestry lines or portable extinguishers as per local SOP's</li> </ul>				
<b>PASS/FAIL</b>					



## Skill #25 – Tie knot appropriate for hoisting

### 1001 Fire Fighter Level 1 (2019 Edition)

#### Objective: 4.1.2 & 4.3.20

Tie a knot appropriate for hoisting tools, given PPE, tools, ropes, and an assignment, so that the knots used are appropriate for hoisting tools securely and as directed.

**Tasks:** In this evolution you will be directed to use rope to hoist a selection of tools from ground to an elevated work area. **(4.1.2, 4.3.20)**

Read to candidate prior to evaluation.

**Performance Conditions:** The candidate will complete assigned tasks

**Setting:** Fire Hall or other safe area.

**Tools/Equipment:** PPE, SCBA, axe, pike pole, roof ladder, charged and uncharged hose lines (1-1/2" or larger), power saw, rope (for example, 6-foot to 20-foot [1.8 m to 6 m] length of ½-inch [13mm] rope)

**Attainment Standard:** Successful completion of the Steps listed below.

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>Tie a Figure-eight knot</b>	<ul style="list-style-type: none"> <li>• Make a bight with the rope</li> <li>• Pass the working end completely around the standing part.</li> <li>• Insert the end of the rope back through the bight.</li> <li>• Dress the knot by pulling on both the working end and standing part of the rope at the same time</li> <li>• Secure with an overhand safety as needed</li> </ul>				
<b>Tie a Figure Eight on a bight</b>	<ul style="list-style-type: none"> <li>• Form a bight in the working end of the rope</li> <li>• Pass the bight over the standing part to form a loop.</li> <li>• Pass the bight under the standing part and then over the loop and down through it; this forms the figure-eight.</li> <li>• Extend the bight through the knot to whatever size working loop is needed.</li> <li>• Dress the knot</li> <li>• Secured with an overhand safety as needed</li> </ul>				

## Skill #25 continued

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>Tie a figure-eight follow through</b>	<ul style="list-style-type: none"> <li>• Tie a loose figure-eight knot</li> <li>• Pass the tail end of the rope around the object to be secured</li> <li>• Follow the original figure-eight around the entire knot in reverse</li> <li>• Exit the rope beside the standing end to complete the knot</li> <li>• Dress the knot</li> <li>• Secure with an overhand safety as needed</li> </ul>				
<b>Tie a Water Knot</b>	<ul style="list-style-type: none"> <li>• Tie an overhand knot loosely in the end of the webbing.</li> <li>• Take the opposite end of the webbing and retrace the overhand knot.</li> <li>• Tighten by pulling both working ends while holding the ends with your thumbs</li> <li>• Dress the water knot so it lays flat and no webbing trace is twisted.</li> </ul>				
<b>Tie an Overhand knot</b>	<ul style="list-style-type: none"> <li>• Bring the working end of the rope under then over the standing part.</li> <li>• Insert the working end through the loop</li> <li>• Dress the knot by pulling on both the working end and the standing part at the same time</li> </ul>				
<b>Tie a Clove Hitch</b>	<ul style="list-style-type: none"> <li>• Form a loop in your left hand with the working end to the right crossing under the standing part</li> <li>• Form another loop in your right hand (creating a round turn) with the working end crossing under the standing part. Slide the right-hand loop on top of the left-hand loop. <b>(NOTE: This is the important step in forming the clove hitch.)</b></li> <li>• Hold the two loops together at the rope forming the clove hitch.</li> <li>• Slide the knot over the object Pull the ends in opposite directions to tighten</li> </ul>				

## Skill #25 continued

Requisite Skills	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>Tie a Clove Hitch around an object</b>	<ul style="list-style-type: none"> <li>• Make one complete loop around the object, crossing the working end over the standing part.</li> <li>• Complete the round turn about the object just above the first loop as shown.</li> <li>• Pass the working end under the upper wrap, just above the cross.</li> <li>• Set the hitch by pulling.</li> <li>• Secure with an overhand safety.</li> </ul>				
<b>Tie a handcuff (rescue) knot</b>	<ul style="list-style-type: none"> <li>• Form two loops in a length of rope.</li> <li>• Simultaneously pull the inner side of each loop through the opposite loop to form two new loops.</li> <li>• Place the loops over the victim's hands or feet with the knot between them.</li> <li>• Then tighten the knot by pulling the two rope ends away from one another.</li> </ul>				
<b>Hoist Tools and Equipment Using Ropes</b>	Hoist tools and equipment using specific knots based on the type of tool used below.				
<b>Hoist a Pike Pole</b>	<ul style="list-style-type: none"> <li>• Lower an appropriate length of rope from the intended destination of the pike pole.</li> <li>• Secure the rope to the pike pole pointing upward toward the end of the handle using a clove hitch.</li> <li>• Leave enough excess running end so that it becomes the guideline.</li> <li>• Tie a half-hitch or approved knot around the pike pole in the middle of the handle.</li> <li>• Tie a second half-hitch or approved knot around the pike pole under the pike hook.</li> </ul> <p>Hoisted the pike pole.</p>				

## Skill #25 continued

Requisite Skills	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
Hoist a roof ladder	<ul style="list-style-type: none"> <li>• Lower an appropriate length of rope from the intended destination of the ladder.</li> <li>• Make a loop in the end of the rope using a bowline knot.</li> <li>• Place the closed loop under the ladder and bring it up between the rung about one-third the distance from the hoisting end.</li> <li>• Open the loop and place it over the tip of the ladder.</li> <li>• Arrange the standing part under the ladder rungs</li> <li>• Tighten the loop around the beams, pulling the standing part of the rope up behind the rungs toward ladder tip.</li> <li>• Tie a guideline to the ladder.</li> <li>• Hoisted the ladder.</li> </ul>				
Hoist a dry hoseline	<ul style="list-style-type: none"> <li>• Lower an appropriate length of rope from the intended destination of the hoseline.</li> <li>• Fold the nozzle end of the hoseline back over the rest of the hose so that an overlap of 4 to 5 feet (1.2 m to 1.5 m) is formed.</li> <li>• Tie a clove hitch, with an overhand safety knot, around the tip of the nozzle and the hose it is folded against so that they are lashed together.</li> <li>• Place a half-hitch on the doubled hose about 12 inches (305 mm) from the loop end. <b>(NOTE: With the ties properly placed, the hose will turn on the hose roller so that the coupling and nozzle will be on top as the hose passes over the roller.)</b></li> <li>• Hoisted hoseline.</li> </ul>				

## Skill #25 continued

Requisite Skills	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>Hoist a charged hoseline</b>	<ul style="list-style-type: none"> <li>• Lower an appropriate length of rope from the intended destination of the hoseline.</li> <li>• Tie a clove hitch, with an overhand safety knot, around the hose about 1 foot (0.3m) below the coupling and nozzle.</li> <li>• Pass a bight through the nozzle handle and loop it over the nozzle so that the rope holds the nozzle shut while it is being hoisted.</li> <li>• Tie a half-hitch around the nozzle to take the strain off the handle.</li> <li>• Hoisted hoseline.</li> </ul>				
<b>Hoist a power saw</b>	<ul style="list-style-type: none"> <li>• Lower an appropriate length of rope from the intended destination of the power saw.</li> <li>• Secure the rope to the handle of the power saw using an approved knot.</li> <li>• Leave enough excess running end so that it becomes the guideline.</li> <li>• Hoisted the power saw.</li> </ul>				
<b>Hoist an Axe</b>	<ul style="list-style-type: none"> <li>• Lower an appropriate length of rope from the intended destination of the axe.</li> <li>• Tie a clove hitch using the method shown above. <b>(NOTE: If the rope has a loop in the end, the loop may be used instead of a clove hitch.)</b></li> <li>• Slide the clove hitch down the axe handle to the axe head. The excess running end of the rope becomes the guideline.</li> <li>• Loop the working end of the rope around the head of the axe and back up the handle.</li> <li>• Tie a half-hitch on the handle at the butt end of the handle <b>(Though not required, a safety between the axe and the first half of the hitch will ensure no slipping. Use the running end to create this safety.)</b></li> <li>• Hoisted the axe.</li> </ul>				
<b>PASS/FAIL</b>					

## Skill #26 – Operate an Air Monitoring Instrument

### 1001 Fire Fighter Level 1 (2019 Edition)

#### Objective: 4.3.21

Operate an air-monitoring instrument, given an air monitor and an assignment or task, so that the device is operated, and the fire fighter recognizes the high- or low-level alarms of the air monitor and takes action to mitigate the hazards.

**Performance Conditions:** The candidate will have the ability to operate the air monitor, recognize the alarms, and react to the alarms of the air monitor. **(4.3.21)**

Read to candidate prior to evaluation.

**Setting:** Building or training facility

**Tools/Equipment:** Air Monitor, PPE

**Attainment Standard:** Successful completion of the Steps listed below.

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>1. Operate an Air Monitor</b>	<i>NOTE: The following skill sheet demonstrates steps; specific incidents and types of equipment may differ depending upon local SOPs and manufacturer's instructions.</i>				
The ability to operate an air-monitoring device.	<ul style="list-style-type: none"> <li>Ensure that the proper detection, monitoring, or sampling method and equipment is chosen.</li> <li>Ensure that all the responders are wearing appropriate PPE</li> <li>Perform initial inspection to ensure that the monitor is serviceable.</li> <li>Perform a bump test to ensure that the meter is functioning properly.</li> <li>Perform a "fresh air" calibration of the monitor prior to entry.</li> <li>Monitor the area per local SOPs</li> <li>If the monitor alarms, identify the cause for alarm and follow local SOPs</li> <li>Report results according to the AHJ requirements</li> <li>When monitoring is complete, turn off the instrument</li> <li>Decontaminate the equipment and return it to an operational state per manufacturer's instructions</li> <li>Complete required reports and supporting documentation</li> </ul>				
	<b>PASS/FAIL</b>				

## Skill #27 - Clean and Maintain Equipment

### 1001 Fire Fighter Level 1 (2019 Edition)

#### Objective: 4.1.2, 4.5.1

General skill requirement: Doff personal protective clothing and prepare for reuse. **(4.1.2)**

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 manufacturers or departmental guidelines, maintenance is recorded, and equipment is placed in a ready state or reported otherwise. **(4.5.1)**

Read to candidate prior to evaluation.

**Performance Conditions:** The candidate will properly clean and restore to service the selected PPE, equipment and tools. The appropriate documentation will be used.

**Setting:** Fire hall

**Tools/Equipment:** Equipment requiring cleaning and maintenance - including SCBA, cleaning/servicing supplies.

**Attainment Standard:** Successful completion of the Steps listed below.

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>1. Doff Personal Protective Equipment</b>					
Doff PPE and prepare for reuse	<ul style="list-style-type: none"> <li>Remove protective clothing</li> <li>Inspect for damage and need for cleaning</li> <li>Clean/repair/remove as required</li> <li>Place in ready state</li> </ul>				
<b>(SCBA Mandatory &amp; Check One Other):</b>					
Ladder <input type="checkbox"/>	Hand Tools <input type="checkbox"/>				
Ropes <input type="checkbox"/>	Salvage Equipment <input type="checkbox"/>				
SCBA	<ul style="list-style-type: none"> <li>Wash face piece, low pressure hose, and exhalation valve with department's cleaner/disinfectant and rinse completely with clear water and air dry.</li> <li>Clean SCBA with damp cloth or according to department policies.</li> <li>Check straps and backpack assembly.</li> <li>Check condition and hydrostatic test date of cylinder.</li> <li>Turn the cylinder valve on fully.</li> </ul>				

## Skill #27 continued...

Requisite Skills	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
	<ul style="list-style-type: none"> <li>• Compare that two pressure gauges are within 100 psi of each other with low pressure SCBA or within 200 psi of each other with high pressure SCBA.</li> <li>• Check face piece, hose, and exhalation valve by inhaling and exhaling.</li> <li>• Check regulator operation by connecting to face piece and breathing.</li> <li>• Check by-pass operation and ensure by-pass is in the off position after testing.</li> <li>• Check low pressure alarm while bleeding the air line.</li> <li>• Return all straps, valves and components back to ready state.</li> <li>• Check the air cylinder is in the off position and for adequate air pressure (90%-full).</li> <li>• Candidate will notify supervisor of any irregularities found</li> </ul>				
<b>Ladder</b>	<ul style="list-style-type: none"> <li>• Remove dirt with soft bristle brush and cleaning solution to remove any oily and greasy residue.</li> <li>• Rinse the ladder thoroughly with clean water.</li> <li>• Dry ladder thoroughly with clean dry cloths.</li> <li>• <b>INSPECT</b> each part of ladder, noting any: looseness, cracks, dents, unusual wear, bent rungs or beams, heat damage, deformities, or change in sensor label. Circle any defects with chalk or a grease pen. <i>Extension Ladders:</i> Inspect the halyard for fraying or kinking, snugness of cable when in bedded position. <i>Extension, roof, and pole ladders:</i> Inspect all moveable parts.</li> <li>• <b>MAINTAIN:</b> Check lubrication of moveable parts and lubricate if necessary. <i>Extension Ladders: Replace halyard if necessary.</i></li> </ul>				



## Skill #27 continued

Requisite Skills	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
	<ul style="list-style-type: none"> <li>• Tag and remove ladder from service from any conditions that cannot be corrected with cleaning, inspection, and simple maintenance. Notify officer.</li> <li>• If no defects found, place equipment in ready state.</li> <li>• Record cleaning, inspection, and maintenance performed.</li> </ul>				
<b>Ropes</b>	<ul style="list-style-type: none"> <li>• Inspect the entire surface of the rope for cuts, abrasions, stains, odor, or fraying.</li> <li>• Examine the inner component by twisting the rope or feeling for bunching and thinness.</li> <li>• Removes any flawed rope from service, disposing of it or relabeling per local SOPs.</li> <li>• Record information in the rope logbook.</li> <li>• Clean rope according to manufacturer's guidelines and thoroughly rinse.</li> <li>• Allow rope to dry completely, or state rope must be allowed to dry completely.</li> <li>• Perform additional inspection after drying.</li> <li>• Properly store rope per local SOPs.</li> </ul>				
<b>Ventilation Equipment</b>	<ul style="list-style-type: none"> <li>• Check starting.</li> <li>• Check blades for sharpness and equipment for completeness and readiness.</li> <li>• Check electric cords for cut and frays.</li> <li>• Check that appropriate guards are in place.</li> </ul>				
<b>Handtools</b>	<p><b>Wooden Handles:</b></p> <ul style="list-style-type: none"> <li>• Check for cracks, blister, or splinters.</li> <li>• Sand wooden handles if needed.</li> <li>• Clean with soap water, rinse, and dry after use.</li> <li>• Apply coat of boiled linseed oil to the handle.</li> <li>• Check to ensure head is on tight.</li> </ul>				

## Skill #27 continued

Requisite Skills	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
	<p><b>Fibreglass Handles</b></p> <ul style="list-style-type: none"> <li>• Clean with soap water, rinse, and dry with soft dry cloth.</li> <li>• Check to ensure head is on tight.</li> </ul> <p><b>Cutting Edges</b></p> <ul style="list-style-type: none"> <li>• Check to ensure cutting edge is free of nicks or tears.</li> <li>• File the edges by hand</li> </ul> <p><b>Plated Surfaces</b></p> <ul style="list-style-type: none"> <li>• Inspect for damage</li> <li>• Wipe plated surface surface clean or wash with soap and water.</li> </ul> <p><b>Unprotected   Metal Surfaces</b></p> <ul style="list-style-type: none"> <li>• Keep clean of rust.</li> <li>• Keep oiled when not in use (light machine oil will work)</li> <li>• Check to ensure not painted as this may hide cracks</li> <li>• File off if found.</li> </ul>				
<b>Salvage Equipment</b>	<ul style="list-style-type: none"> <li>• Clean provided salvage equipment.</li> <li>• Inspect equipment and identify damage.</li> <li>• Spread the salvage cover out flat for cleaning.</li> <li>• Scrub the cover with detergent solution and a brush.</li> <li>• Rinse cover thoroughly.</li> <li>• State cover should be thoroughly dried before returning to service.</li> <li>• Check the cover thoroughly for damage by having assistants hold the cover above heads while looking for holes and tears.</li> <li>• Use department procedure for indicating repair needed.</li> </ul>				
<b>PASS/FAIL</b>					

## Skill #28 - Clean and Maintain Hose

### 1001 Fire Fighter Level 1 (2019 Edition)

#### Objective: 4.5.2

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.

**Tasks:** You will clean, inspect, and maintain fire hose. Damaged hose will be identified and taken out of service. All other hose will be restored to service. **(4.5.2)**

Read to candidate prior to evaluation.

**Performance Conditions:** The candidate will properly clean, maintain and restore to service a selection of fire house.

**Setting:** Fire Hall

**Tools/Equipment:** Selection of fire hose needing cleaning and maintenance, cleaning supplies, replacement gaskets

**Attainment Standard:** Successful completion of the Steps listed below.

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>1. Clean hose</b>					
The ability to clean different types of hose and gaskets.	<ul style="list-style-type: none"> <li>Hand wash or machine wash the hose as per local SOP's and manufacturer's guidelines</li> <li>Clean couplings by removing gaskets, wash with warm, soapy water and reinstall gaskets (replacing if defective).</li> </ul>				
<b>2. Operate Hose Washing Equipment</b>					
Operate hose washing and drying equipment	<ul style="list-style-type: none"> <li>As per SOP's</li> <li>As per manufacturer's guidelines</li> </ul>				
<b>3. Mark Defective Hose</b>					
Mark defective hose	<ul style="list-style-type: none"> <li>As per SOP's check for signs of</li> <li>Removed from service</li> </ul>				
<b>4. Replace Gaskets</b>					
Replace coupling gaskets	<ul style="list-style-type: none"> <li>Remove and discard old gasket</li> <li>Place new gasket into swivel</li> </ul>				

## Skill #28 continued...

Requisite Skill	Elements/Steps	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
<b>5. Roll Hose</b>					
Roll hose	<ul style="list-style-type: none"> <li>• As per SOP's</li> <li>• Male coupling protected on threaded couplings</li> </ul>				
<b>6. Reload Hose</b>					
Reload hose	<ul style="list-style-type: none"> <li>• As per SOP's</li> </ul>				
<b>PASS/FAIL</b>					