

NC FIRE and RESCUE COMMISSION
Firefighter Level I
Practical Skill Scenarios

1 OF 16: PROTECTIVE CLOTHING / FUNCTION

NFPA 1001, 5.1.2

Performance Objective: The firefighter given all personal protective equipment including an SCBA shall identify each piece of equipment and state the function of each as used while performing a job.

Performance Evaluation: The evaluator shall provide the candidate with all protective equipment including SCBA. The evaluator shall randomly choose individual articles of clothing, and the candidate shall identify and state the function of each.

Instructor's Statement: The candidate shall, when prompted by the evaluator, identify each component of their personal protective equipment including SCBA and state its function.

Recommended Equipment List:

NC FIRE and RESCUE COMMISSION
Firefighter Level I
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STUDENT'S NAME _____

ID# _____

EVALUATOR _____

DATE _____

PROTECTIVE CLOTHING / FUNCTION

SCORING

YES

ADD

Helmet with Eye Shield:

- | | | |
|--|--------------------------|-----|
| a) Properly identifies. | <input type="checkbox"/> | 2.5 |
| b) Protects the head from impact. | <input type="checkbox"/> | 2.5 |
| c) Protects from heat and cold. | <input type="checkbox"/> | 2.5 |
| d) Protects the face and eyes when SCBA is not required. | <input type="checkbox"/> | 2.5 |

Hood:

- | | | |
|--|--------------------------|-----|
| a) Properly identifies. | <input type="checkbox"/> | 5 |
| b) Protects the ears, neck, and face from exposure to extreme heat . | <input type="checkbox"/> | 2.5 |

Boots:

- | | | |
|--|--------------------------|-----|
| a) Properly identifies. | <input type="checkbox"/> | 5 |
| b) Protects foot from falling objects, burn injuries, and puncture wounds. | <input type="checkbox"/> | 2.5 |
| c) Must have steel toe and shank. | <input type="checkbox"/> | 2.5 |
| d) States that 3/4-length boots cannot be used as a substitute for bunker pants. | <input type="checkbox"/> | 2.5 |

Gloves:

- | | | |
|--|--------------------------|-----|
| a) Properly identifies. | <input type="checkbox"/> | 5 |
| b) Protects hands from heat and cold. | <input type="checkbox"/> | 2.5 |
| c) Protect the hands from cuts, wounds, and burn injuries. | <input type="checkbox"/> | 2.5 |
| d) States that gloves must fit property. | <input type="checkbox"/> | 2.5 |

Protective Coat:

- | | | |
|--|--------------------------|-----|
| a) Properly identifies. | <input type="checkbox"/> | 5 |
| b) Protects the upper trunk and limbs from cuts, abrasions, and burn injuries from radiant heat. | <input type="checkbox"/> | 2.5 |
| c) Identifies the three layers of the coat, i.e., outer shell, moisture barrier and thermal barrier. | <input type="checkbox"/> | 2.5 |
| d) States purpose of the wrist-let. | <input type="checkbox"/> | 2.5 |
| e) States purpose of the collar. | <input type="checkbox"/> | 2.5 |
| f) States purpose of the storm flap. | <input type="checkbox"/> | 2.5 |

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g) Indicates the need for the reflective trim. 2.5

Protective Trousers:

a) Properly identifies. 5

b) Protects the lower trunk and limbs from cuts, abrasions, and burn injuries from radiant heat. 2.5

c) Identifies the three layers of the trousers, i.e. outer shell, moisture barrier, and thermal barrier. 2.5

d) Indicates the need for the reflective trim. 2.5

Self Contained Breathing Apparatus (SCBA):

a) Properly identifies. 5

b) Protects the face and lungs from toxic smoke and products of combustion. 2.5

Personal Alert Safety System (PASS):

a) Properly identifies. 5

b) Provides life safety protection by emitting a loud shriek if the firefighter remains motionless for approximately 30 seconds 2.5

Eye Protection:

a) Properly identifies. 5

b) States the various types of eye protection. i.e. face shields, goggles, safety glasses, and SCBA masks. 2.5

c) Protects the wearer's eyes from flying solid particles or liquids. 2.5

POINTS

Total points possible for this evaluation skill: 100

Total points needed to pass: 70

Total points scored by the candidate: _____

NC FIRE and RESCUE COMMISSION
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2 OF 16: PROTECTIVE CLOTHING / CARE AND MAINTENANCE

NFPA 1001, 5.1.2

Performance Objectives: The candidate, given all personal protective equipment, excluding the Self Contained Breathing Apparatus, shall demonstrate the care, inspection, and maintenance of the equipment as recommended by the manufacturers.

Performance Evaluation: The evaluator shall provide the candidate with all personal protective equipment, excluding the Self Contained Breathing Apparatus. The evaluator shall have the candidate inspect each piece of equipment. The candidate shall note any problems or items needing correction. The candidate shall state or demonstrate (at the evaluators discretion) the proper procedure for maintenance according to the manufacturer.

Instructor's Statement: The candidate, given all personal protective equipment shall demonstrate the appropriate care, inspection, and/or describe the maintenance procedures of the equipment.

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DATE _____

PROTECTIVE CLOTHING / CARE AND MAINTENANCE

SCORING

YES

ADD

Helmet:

- | | | |
|--|--------------------------|----|
| a) Checks helmet for damage-straps, liner, suspension web. | <input type="checkbox"/> | 10 |
| b) Properly cleans helmet of dirt, oil, grease, tar. | <input type="checkbox"/> | 5 |
| c) Checks helmet for proper fit. | <input type="checkbox"/> | 5 |

Coat and Pants:

- | | | |
|-------------------------------|--------------------------|----|
| d) Checks coat for damage. | <input type="checkbox"/> | 10 |
| e) Checks pants for damage. | <input type="checkbox"/> | 5 |
| f) Properly cleans equipment. | <input type="checkbox"/> | 10 |

Gloves:

- | | | |
|--|--------------------------|---|
| g) Checks gloves for damage-tears. rips, holes. | <input type="checkbox"/> | 5 |
| h) Properly cleans gloves according to manufacturer. | <input type="checkbox"/> | 5 |

Boots:

- | | | |
|---|--------------------------|---|
| i) Checks for damage-tears. holes, worn spots. | <input type="checkbox"/> | 5 |
| j) Properly washes boots to remove debris, oil, grease. | <input type="checkbox"/> | 5 |
| k) Stores boots in a dry, cool, dark location. | <input type="checkbox"/> | 5 |

Hood:

- | | | |
|------------------------------|--------------------------|---|
| l) Checks for damage. | <input type="checkbox"/> | 5 |
| m) Properly cleans. | <input type="checkbox"/> | 5 |
| n) Ensures proper operation. | <input type="checkbox"/> | 5 |

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EVALUATOR _____ DATE _____

SAFETY:

- o) States the manufacturers' tags should be consulted to confirm proper maintenance. 15

POINTS

Total points possible for this evaluation skill: 100

Total points needed to pass: 70

Total points scored by the candidate: _____

NC FIRE and RESCUE COMMISSION
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3 OF 16: PROTECTIVE CLOTHING / DONNING-DOFFING

NFPA 1001, 5.1.2

Performance Objectives: The candidate shall properly don all personal protective equipment within 120 seconds.

Performance Evaluation: The evaluator shall verify that the candidate has the required personal protective equipment present for this evaluation, including Self Contained Breathing Apparatus prior to the beginning of the evaluation process. The candidate shall don all personal protective equipment. The candidate's time will start when he/she touches the first piece of equipment and ends when all equipment is donned and both hands are raised straight above the head. The candidate shall then place all personal protective equipment back in a ready state.

Instructor's Statement: The candidate, given all personal protective equipment, including SCBA, shall demonstrate the appropriate donning and doffing procedures of the equipment. The candidate will have two (2) minutes to complete the donning of all PPE; upon completion, the candidate will raise both hands.

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EVALUATOR _____ DATE _____

PROTECTIVE CLOTHING / DONNING-DOFFING

SCORING	YES	ADD
----------------	------------	------------

Donning:

- | | | |
|--|--------------------------|-----|
| a) Dons pants properly-Including suspenders. | <input type="checkbox"/> | 10 |
| b) Dons hood. | <input type="checkbox"/> | 10 |
| c) Dons coat - Including storm flap, collar, securing devices. | <input type="checkbox"/> | 10 |
| d) Dons gloves. | <input type="checkbox"/> | 10 |
| e) Dons helmet - including straps | <input type="checkbox"/> | 10 |
| f) Dons SCBA properly with air cylinder valve fully open. | <input type="checkbox"/> | 20 |
| g) Activates the PASS devices to a ready mode. | <input type="checkbox"/> | 20 |
| h) Candidate completes donning within 120 seconds | <input type="checkbox"/> | P/F |

DoFFing:

- | | | |
|--|--------------------------|----|
| i) Places all equipment in a ready response state. | <input type="checkbox"/> | 10 |
|--|--------------------------|----|

Note: Candidate must complete the donning portion within 120 seconds.

POINTS

Total points possible for this evaluation skill: 100

Total points needed to pass: 70

Total points scored by the candidate: _____

NC FIRE and RESCUE COMMISSION
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4 OF 16: IDENTIFICATION AND FUNCTION OF SCBA

NFPA 1001, 5.3.1(a)

Performance Objective: The firefighter given any SCBA used by the authority having jurisdiction, shall identify each component and safety feature of the SCBA and describe the function of each component.

Performance Evaluation: The firefighter may choose any of the SCBA used by the department. The firefighter shall identify the major assemblies and then from the provided components, the function, and limitations of the assembly identified by the examiner.

Competency and Safety: Any open-circuit positive-pressure SCBA may be used.

Instructor's Statement: The candidate, given an SCBA from their jurisdiction, shall identify all four of its major assemblies; then the candidate will identify the components, their purpose, function and limitations of the major assembly indicated by the evaluator.

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EVALUATOR _____

DATE _____

IDENTIFICATION AND FUNCTION OF SCBA

SCORING

YES

ADD

Names the four (4) major assemblies of the SCBA:

- | | | |
|-------------------------|--------------------------|-----|
| a) Face Mask. | <input type="checkbox"/> | 2.5 |
| b) Regulator. | <input type="checkbox"/> | 2.5 |
| c) Air Supply Cylinder. | <input type="checkbox"/> | 2.5 |
| d) Harness. | <input type="checkbox"/> | 2.5 |

Choose one assembly of those listed below and test on that one assembly for the candidate. Have the candidate explain the purpose of that assembly:

- | | | |
|--|--------------------------|-----|
| a) Face mask - provides some protection from facial burns, holds in cool breathing air, and provides a valve for exhaling. | <input type="checkbox"/> | 2.5 |
| b) Regulator - reduces air pressure from the cylinder and gives air to the user upon inhalation. | <input type="checkbox"/> | 2.5 |
| c) Cylinder - contains the air supply for the user. | <input type="checkbox"/> | 2.5 |
| d) Harness-attaches the unit to the user. | <input type="checkbox"/> | 2.5 |

Have the candidate list the major components of the one assembly:

Face mask:

- | | | |
|-----------------------|--------------------------|-----|
| a) Low pressure hose. | <input type="checkbox"/> | 2.5 |
| b) Lens. | <input type="checkbox"/> | 2.5 |
| c) Exhalation valve. | <input type="checkbox"/> | 2.5 |

Regulator:

- | | | |
|------------------------|--------------------------|-----|
| a) Main line valve. | <input type="checkbox"/> | 2.5 |
| b) By-pass valve. | <input type="checkbox"/> | 2.5 |
| c) Low-pressure alarm. | <input type="checkbox"/> | 2.5 |
| d) High-pressure hose. | <input type="checkbox"/> | 2.5 |
| e) Gauge. | <input type="checkbox"/> | 2.5 |

Cylinder:

- | | | |
|-----------|--------------------------|-----|
| a) Tank. | <input type="checkbox"/> | 2.5 |
| b) Valve. | <input type="checkbox"/> | 2.5 |

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c) Gauge. 2.5

d) Safety valve. 2.5

Harness:

a) Straps. 2.5

b) Frame. 2.5

Have the candidate name the limitations of the one assembly. The firefighter will need to list at least 4 for each component.

Face mask:

a) Torn straps. 2.5

b) Lens pops out. 2.5

c) Exhalation valve jams. 2.5

d) Low-pressure hose cracks / tears. 2.5

Regulator:

a) High-pressure line bubbles. 2.5

b) Alarm doesn't work. 2.5

c) Regulator malfunctions. 2.5

d) Leaky valves. 2.5

e) Gauge doesn't work. 2.5

Tank:

a) Leaky valve. 2.5

b) Gauge won't work. 2.5

c) Poor seal with high pressure connect. 2.5

d) Smashed threads. 2.5

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STUDENT'S NAME _____

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EVALUATOR _____

DATE _____

Harness:

- | | | |
|---------------------------------------|--------------------------|-----|
| a) Connections rusted, broken harness | <input type="checkbox"/> | 2.5 |
| b) Torn or missing straps. | <input type="checkbox"/> | 2.5 |
| c) Loose rivets. | <input type="checkbox"/> | 2.5 |
| d) Cracked frame. | <input type="checkbox"/> | 2.5 |
| e) Clamp bent. | <input type="checkbox"/> | 2.5 |

POINTS

Total points possible for this evaluation skill: 100

Total points needed to pass: 70

Total points scored by the candidate: _____

NC FIRE and RESCUE COMMISSION
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5 OF 16: SCBA / DONNING-DOFFING

NFPA 1001, 5.3.1(a)

Performance Objective: The candidate, wearing full protective clothing, shall properly don a SCBA within 60 seconds. The candidate shall use any and all SCBA units available to their fire department.

Performance Evaluation: The evaluator shall allow the candidate to utilize one of the following four acceptable methods to don the apparatus based on how the department stores its units: 1) Over-the-Head method, 2) Coat method. 3) Seat Mount method. 4) Compartment Mount method. Time begins when the student touches the SCBA and ends when all protective clothing and the SCBA are donned and the unit is functioning properly. (Hood and Helmet must be in place with NO skin showing) Standard 5.7.3 can be tested at the same time as 5.7.9.

Instructor's Statement: The candidate, given an SCBA from their jurisdiction, and wearing full protective clothing, shall properly don a SCBA within 60 seconds.

Recommended Equipment List:

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STUDENT'S NAME _____ ID# _____

EVALUATOR _____ DATE _____

SCBA / DONNING-DOFFING

SCORING

	YES	ADD
a) Checks the air cylinder to visualize the amount of air in the bottle.	<input type="checkbox"/>	10
b) Opens the cylinder valve ALL the way.	<input type="checkbox"/>	10
c) Checks the regulator gauge.	<input type="checkbox"/>	5
d) Places the unit securely on his / her back.	<input type="checkbox"/>	5
e) Adjusts both shoulder straps.	<input type="checkbox"/>	5
f) Adjusts the waist strap.	<input type="checkbox"/>	5
g) Pulls the hood back onto the neck.	<input type="checkbox"/>	5
h) Dons the face piece, equally tightening all straps.	<input type="checkbox"/>	5
i) Checks the face piece seal.	<input type="checkbox"/>	10
j) Checks the exhalation valve.	<input type="checkbox"/>	5
k) Pulls hood up around face piece and dons helmet securely.	<input type="checkbox"/>	5
l) Connects the low-pressure hose to the regulator COMPLETELY.	<input type="checkbox"/>	5
m) Ensures the mainline is fully open.	<input type="checkbox"/>	5

SAFETY

n) Has donned ALL protective clothing properly (gloves, hood, etc.).	<input type="checkbox"/>	5
o) Completed the skill in 60 seconds or less.	<input type="checkbox"/>	10
p) Experienced NO unit malfunction due to inadequate pretest check	<input type="checkbox"/>	5

Example: When the unit was donned, the mainline valve was already open; do not add 5 points.

POINTS

Total points possible for this evaluation skill: 100

Total points needed to pass: 70

Total points scored by the candidate: _____

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6 OF 16: SCBA / READY FOR USE

NFPA 1001, 5.5.1

Performance Objective: The candidate shall perform an inspection of a SCBA unit as if it were a daily or routinely scheduled inspection. The candidate shall use any and all SCBA units available to their department.

Test Procedure: The evaluator shall place a department SCBA unit in front of the candidate and have them thoroughly check and inspect the unit as if they were preparing it for in-service operation.

Instructor's Statement: The candidate, given an SCBA from their jurisdiction, will perform a daily or routinely scheduled inspection of the unit.

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ID# _____

EVALUATOR _____

DATE _____

SCBA / READY FOR USE

SCORING

	YES	ADD
a) Checks all components for cleanliness.	<input type="checkbox"/>	10
b) Checks the air cylinder for adequate air pressure (full).	<input type="checkbox"/>	10
c) Turns the cylinder valve on fully.	<input type="checkbox"/>	5
d) Dons the face piece property.	<input type="checkbox"/>	5
e) Checks face piece seal.	<input type="checkbox"/>	5
f) Checks the exhalation valve.	<input type="checkbox"/>	5
g) Plugs low pressure hose into regulator and ensures the main line valve is on.	<input type="checkbox"/>	5
h) Compares the two pressure gauge readings.	<input type="checkbox"/>	5
i) Checks for adequate, comfortable air flow.	<input type="checkbox"/>	5
j) Operates by-pass/purge valve.	<input type="checkbox"/>	5
k) SAFETY		
l) Turns unit off and bleeds the high-pressure hose slowly.	<input type="checkbox"/>	10
m) Checks for operation of low pressure alarm when bleeding the air line.	<input type="checkbox"/>	10
n) Returns all straps, valves, and components back to a ready state.	<input type="checkbox"/>	20

POINTS

Total points possible for this evaluation skill: 100

Total points needed to pass: 70

Total points scored by the candidate: _____

NC FIRE and RESCUE COMMISSION
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7 OF 16: SCBA / USE OBSCURED VISIBILITY

NFPA 1001, 5.3.1

Performance Objective: The candidate, wearing full protective clothing, shall properly don an SCBA unit and safely enter an environment that is charged with smoke and simulate fire ground activities for a minimum of five minutes within the environment. The candidate shall use any SCBA units available to that fire department.

Performance Evaluation: The evaluator shall simulate or actually produce a dense smoke environment. The evaluator and/or other qualified firefighter shall accompany the candidate throughout the test. The evaluator shall establish activities for the candidate to perform while in the smoke environment. The activities shall be fire ground activities that could normally be performed in a fire situation.

Instructor's Statement: The candidate, given an SCBA from their jurisdiction, and wearing full protective clothing, shall properly don a SCBA and enter a smoke charged structure to perform the indicated fire ground evolutions for a minimum of five (5) minutes.

Recommended Equipment List:

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ID# _____

EVALUATOR _____

DATE _____

SCBA / USE OBSCURED VISIBILITY

SCORING

	YES	ADD
a) Properly dons the SCBA unit.	<input type="checkbox"/>	10
b) Checks the door for heat conditions before entering.	<input type="checkbox"/>	10
c) Enters the room on his/her hands and knees.	<input type="checkbox"/>	10
d) Communicates well with partner.	<input type="checkbox"/>	10
e) Maintains contact with wall, hose line or similar device while in the smoke.	<input type="checkbox"/>	10
f) Conserves air (normal breathing).	<input type="checkbox"/>	10
g) SAFETY		
h) Performed all activities as instructed by the evaluator.	<input type="checkbox"/>	20
i) Performed the entire activity in a safe and controlled manner.	<input type="checkbox"/>	20

POINTS

Total points possible for this evaluation skill: 100

Total points needed to pass: 70

Total points scored by the candidate: _____

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8 OF 16: USE OF SCBA / RESTRICTED PASSAGE

NFPA 1001, 5.3.1, 5.3.9

Performance Objective: The candidate, wearing full personal protective equipment, shall properly don a Self Contained Breathing Apparatus, safely enter an area with a restricted opening, and simulate fire ground activities for a minimum of five minutes. The candidate shall use any and all SCBA units available to the fire department.

Performance Evaluation: The evaluator shall simulate or actually provide a restricted opening. The evaluator and/or other qualified firefighter shall accompany the candidate throughout the test. The evaluator shall establish activities for the candidate to perform after entering the restricted opening. The activities shall be activities that could normally be performed in a fire or rescue situation. The candidate shall don all protective equipment and SCBA and pass through an opening by removing the harness from his/her back and re-donning the harness after moving through the opening.

Instructor's Statement: The candidate, given an SCBA from their jurisdiction, and wearing full protective clothing, shall properly don a SCBA and enter an area with a restricted opening to perform the indicated fire ground evolutions for a minimum of five (5) minutes.

Recommended Equipment List:

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EVALUATOR _____ DATE _____

USE OF SCBA / RESTRICTED PASSAGE

SCORING **YES** **ADD**

Vertical Entry:

- | | | |
|--|--------------------------|----|
| a) Dons approved Class III full-body harness. | <input type="checkbox"/> | 10 |
| b) Dons the SCBA and tests for correct face piece seal and positive pressure. | <input type="checkbox"/> | 10 |
| c) Removes the backpack and attaches it to the body harness by a D-ring or other hardware, using approved knot or lanyard. | <input type="checkbox"/> | 5 |
| d) Attaches rescue rope to the body harness D-ring. | <input type="checkbox"/> | 5 |
| e) Enters confined space, maintaining contact with the SCBA backpack. | <input type="checkbox"/> | 10 |
| f) Once inside the confined space, re-dons the backpack if possible. | <input type="checkbox"/> | 5 |
| g) Adjusts face piece, taking care not to compromise the seal. | <input type="checkbox"/> | 5 |
| h) Checks remaining breathing air to be aware of approximate remaining entry time. | <input type="checkbox"/> | 5 |

OR Horizontal Entry:

- | | | |
|---|--------------------------|---|
| a) Dons approved Class III full-body harness. | <input type="checkbox"/> | 5 |
| b) Dons the SCBA and tests for correct face piece seal and positive pressure. | <input type="checkbox"/> | 5 |
| c) Removes backpack and attaches short tag line or lanyard (shorter than the breathing tube or regulator hose) between the backpack and body harness. | <input type="checkbox"/> | 5 |
| d) Attaches rescue line to the body harness D-ring. | <input type="checkbox"/> | 5 |
| e) Enters confined space while team member maintains control of backpack. | <input type="checkbox"/> | 5 |
| f) After entering, has the team member outside pass the backpack through the opening to the firefighter. | <input type="checkbox"/> | 5 |
| g) Re-dons the backpack, if applicable. | <input type="checkbox"/> | 5 |

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- | | | |
|--|--------------------------|---|
| h) Adjusts face piece, taking care not to compromise the seal. | <input type="checkbox"/> | 5 |
| i) Checks remaining breathing air to be aware of approximate remaining entry time. | <input type="checkbox"/> | 5 |

POINTS

Total points possible for this evaluation skill: 100

Total points needed to pass: 70

Total points scored by the candidate: _____

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9 OF 16: SCBA / BYPASS

NFPA 1001, 5.3.1 (b)

Performance Objective: The candidate shall demonstrate the correct procedure, utilizing the by-pass valve, for conserving air in the event of a main-line failure during SCBA usage.

Performance Evaluation: Candidate shall select an SCBA of choice. Candidate shall correctly don and place SCBA into full operation with tank cylinder and mainline valves fully open and by-pass valve closed. Test begins on the evaluator's signal and continues through three complete evolutions.

Instructor's Statement: The candidate, given an SCBA of their choice from their jurisdiction, and wearing full protective clothing, shall properly don a SCBA and enter a simulated fire ground area (structure), then switch to an emergency by-pass valve operation to perform three (3) distinct cycles while moving to an exit.

Warning: No emergency-breathing procedure is endorsed by manufacturers, NFPA, ANSI, or any other regulating agency. These procedures should be used only as a last resort in life threatening situations. For these reasons, emergency-breathing procedures should involve only those firefighters who have received advanced SCBA training.

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SCBA / BYPASS

SCORING

	YES	ADD
a) Indicates during normal operation the position of the main-line and by-pass valve.	<input type="checkbox"/>	5
b) Slightly opens bypass valve. Safety points-bypass opened such that adequate breathing air is obtained without breaking face piece seal.	<input type="checkbox"/>	5
c) Allows small amount of air to flow into the face piece.	<input type="checkbox"/>	5
d) Closes main-line valve.	<input type="checkbox"/>	10
e) Closes by-pass valve.	<input type="checkbox"/>	5
f) Holds breath until more air is needed.	<input type="checkbox"/>	5
g) Moves to exit as quickly as possible.	<input type="checkbox"/>	5
h) Repeats steps b, c, e, and f through two more complete evolution's (Twenty points for each evolution demonstrated correctly).	<input type="checkbox"/>	40
i) While keeping one hand on the by-pass valve, turns the by-pass valve on and back off as needed.	<input type="checkbox"/>	5

SAFETY

a) Tries to conserve air to one breath every 6 to 8 feet, if crawling.	<input type="checkbox"/>	10
b) Watches and feels for obstructions or obstacles while exiting the building.	<input type="checkbox"/>	5

POINTS

Total points possible for this evaluation skill: 100

Total points needed to pass: 70

Total points scored by the candidate: _____

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10 OF 16: SCBA / CONSERVATION OF AIR

NFPA 1001, 5.3.1 (b)

Performance Objective: The candidate, given a SCBA of their choice, shall correctly demonstrate how to conserve air by the technique known as skip breathing.

Performance Evaluation: Candidate shall select similar SCBA of choice. Candidate shall correctly don and place SCBA into full operation with tank cylinder and mainline valves fully open and by-pass valve closed. Test begins on the evaluator's signal and continues through three complete evolutions. Since some of the evaluation steps are difficult to observe, the candidate may wish to verbally describe the steps to the evaluator and then demonstrate the steps in the skill.

Instructor's Statement: The candidate, given an SCBA of their choice from their jurisdiction, and wearing full protective clothing, shall properly don a SCBA and enter a simulated fire ground area (structure), then switch to an emergency skip breathing technique to perform three (3) distinct cycles while moving to an exit. The candidate may verbally describe those aspects of the operation not readily apparent to the evaluator. The candidate has three minutes to complete the evolution.

Warning: No emergency breathing procedure is endorsed by manufacturers, NFPA, ANSI, or any other regulatory agency. These procedures should be used only as a last resort in life threatening situations. For these reasons, emergency-breathing procedures should involve only those firefighters who have received advanced SCBA training.

Recommended Equipment List:

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Firefighter Level I
Practical Skill Scenarios

STUDENT'S NAME _____ ID# _____

EVALUATOR _____ DATE _____

SCBA / CONSERVATION OF AIR

SCORING

	YES	ADD
a) Takes a regular breath.	<input type="checkbox"/>	5
b) Safety points-inhales normally.	<input type="checkbox"/>	5
c) Holds breath for about as long as it would normally take to exhale it.	<input type="checkbox"/>	10
d) Takes a second breath.	<input type="checkbox"/>	10
e) Exhales slowly	<input type="checkbox"/>	10
f) Repeats steps through two more complete evolutions (thirty points for each evolution demonstrated correctly).	<input type="checkbox"/>	60

POINTS

Total points possible for this evaluation skill: 100

Total points needed to pass: 70

Total points scored by the candidate: _____

NC FIRE and RESCUE COMMISSION
Firefighter Level I
Practical Skill Scenarios

11 OF 16: SCBA / REGULATOR

NFPA 1001, 5.3.1(b)

Performance Objective: The candidate, given a SCBA of their choice, shall correctly demonstrate emergency procedures by breathing from the low-pressure hose and regulator.

Performance Evaluation: The candidate shall be provided with full personal protective equipment. The candidate shall properly don all equipment. The candidate shall demonstrate the proper method of breathing through the low-pressure hose during a face piece failure. The candidate shall then demonstrate proper procedures for breathing from the regulator in case of an emergency.

Instructor's Statement: The candidate, given an SCBA of their choice from their jurisdiction, and wearing full protective clothing, shall properly don a SCBA and enter a simulated fire ground area (structure), then switch to an emergency low-pressure hose breathing technique to simulate a face piece failure. Upon completion of this evolution the candidate will then demonstrate breathing from the regulator and move to the exit.

Warning: No emergency breathing procedure is endorsed by manufacturers, NFPA, ANSI, or any other regulatory agency. These procedures should be used only as a last resort in life threatening situations. For these reasons, emergency-breathing procedures should involve only those firefighters who have received advanced SCBA training.

Recommended Equipment List:

NC FIRE and RESCUE COMMISSION
Firefighter Level I
Practical Skill Scenarios

STUDENT'S NAME _____

ID# _____

EVALUATOR _____

DATE _____

SCBA / REGULATOR

SCORING

YES

ADD

Low Pressure Hose:

- | | | |
|---|--------------------------|----|
| a) Tries to seal the face piece first. | <input type="checkbox"/> | 10 |
| b) Uncouples the low-pressure hose from the face piece. | <input type="checkbox"/> | 10 |
| c) Breathes from the low-pressure hose. | <input type="checkbox"/> | 20 |

Regulator:

- | | | |
|---|--------------------------|----|
| d) Removes the face piece and low-pressure hose from the regulator. | <input type="checkbox"/> | 10 |
| e) Loosens the side straps of the harness. | <input type="checkbox"/> | 10 |
| f) Swings the regulator up to the mouth. | <input type="checkbox"/> | 10 |
| g) Places thumb and index finger around the regulator to form a tight seal. | <input type="checkbox"/> | 20 |
| h) Breathes directly from the regulator. | <input type="checkbox"/> | 10 |

POINTS

Total points possible for this evaluation skill: 100

Total points needed to pass: 70

Total points scored by the candidate: _____

NC FIRE and RESCUE COMMISSION
Firefighter Level I
Practical Skill Scenarios

12 OF 16: SCBA / CONTROLLED BREATHING

NFPA 1001, 5.3.1(b)

Performance Objective: The candidate, given a Self Contained Breathing Apparatus shall demonstrate the correct procedures for conserving the air capacity of a SCBA cylinder under working conditions.

Performance Evaluation: The candidate shall properly don all personal protective equipment. The evaluator shall provide the candidate with a fire ground operation to perform. During the operation, the candidate shall demonstrate controlled breathing.

Instructor's Statement: The candidate, given an SCBA of their choice from their jurisdiction, and wearing full protective clothing, shall properly don a SCBA and perform a simulated fire ground operation. The candidate shall demonstrate the correct procedures for conserving the air in the SCBA cylinder while working.

Recommended Equipment List:

NC FIRE and RESCUE COMMISSION
Firefighter Level I
Practical Skill Scenarios

STUDENT'S NAME _____

ID# _____

EVALUATOR _____

DATE _____

SCBA / CONTROLLED BREATHING

SCORING

	YES	ADD
a) Exhales through the mouth.	<input type="checkbox"/>	10
b) Inhales through the nose.	<input type="checkbox"/>	10
c) Performs steps 1 and 2 for four (4) more cycles.	<input type="checkbox"/>	80

POINTS

Total points possible for this evaluation skill: 100

Total points needed to pass: 70

Total points scored by the candidate: _____

NC FIRE and RESCUE COMMISSION
Firefighter Level I
Practical Skill Scenarios

13 OF 16: SCBA / CYLINDER REPLACEMENT

NFPA 1001, 5.3.1(b)

Performance Objective: The candidate, in full personal protective equipment, shall correctly demonstrate the proper procedure for changing an empty cylinder using the one or two person method.

Performance Evaluation: The candidate shall don all personal protective equipment and demonstrate the one-person method of changing an air cylinder. With the assistance of another firefighter wearing full personal protective equipment, the candidate shall change the air cylinder while the assistant is wearing the SCBA.

Instructor's Statement: The candidate, given an SCBA of their choice from their jurisdiction, and wearing full protective clothing, shall properly don a SCBA. The candidate shall then demonstrate the correct procedures for changing the air cylinder in the SCBA. Upon completion of the one person cylinder exchange an assistant firefighter will allow the candidate to change the air cylinder on their SCBA while it is still in the donned position.

Recommended Equipment List:

NC FIRE and RESCUE COMMISSION
Firefighter Level I
Practical Skill Scenarios

STUDENT'S NAME _____

ID# _____

EVALUATOR _____

DATE _____

SCBA / CYLINDER REPLACEMENT

SCORING

YES

ADD

One-person:

- | | | |
|---|--------------------------|-----|
| a) Doffs the SCBA. | <input type="checkbox"/> | 2.5 |
| b) Locates a full cylinder. | <input type="checkbox"/> | 2.5 |
| c) Closes the cylinder valve. | <input type="checkbox"/> | 2.5 |
| d) Bleeds off the pressure. | <input type="checkbox"/> | 5 |
| e) Disconnects the high-pressure hose from the cylinder. | <input type="checkbox"/> | 2.5 |
| f) Releases the cylinder-securing device. | <input type="checkbox"/> | 5 |
| g) Replaces the empty cylinder with a full cylinder. | <input type="checkbox"/> | 10 |
| h) Secures the full cylinder in the harness. | <input type="checkbox"/> | 5 |
| i) Connects the high-pressure hose to the cylinder. | <input type="checkbox"/> | 5 |
| j) Opens the cylinder and checks the operation of the gauges. | <input type="checkbox"/> | 10 |

Two-person:

- | | | |
|--|--------------------------|-----|
| a) Have the firefighter either bend over or position on their hands and knees. | <input type="checkbox"/> | 2.5 |
| b) Locates a full cylinder. | <input type="checkbox"/> | 2.5 |
| c) Closes the cylinder valve. | <input type="checkbox"/> | 2.5 |
| d) Bleeds off the pressure. | <input type="checkbox"/> | 5 |
| e) Disconnects the high-pressure hose from the cylinder. | <input type="checkbox"/> | 2.5 |
| f) Releases the cylinder-securing device. | <input type="checkbox"/> | 5 |
| g) Replaces the empty cylinder with a full cylinder. | <input type="checkbox"/> | 10 |
| h) Secures the full cylinder in the harness. | <input type="checkbox"/> | 5 |

NC FIRE and RESCUE COMMISSION
Firefighter Level I
Practical Skill Scenarios

STUDENT'S NAME _____ ID# _____

EVALUATOR _____ DATE _____

- | | | |
|---|--------------------------|----|
| i) Connects the high-pressure hose to the cylinder. | <input type="checkbox"/> | 5 |
| j) Opens the cylinder and checks the operation of the gauges. | <input type="checkbox"/> | 10 |

POINTS

Total points possible for this evaluation skill:	100
Total points needed to pass:	70

Total points scored by the candidate: _____

If the candidate:	SUBTRACT
Does not properly bleed pressure off the highpressure hose.	20
Does not check the condition of the cylinder opening, fitting, and O-ring.	20

NC FIRE and RESCUE COMMISSION
Firefighter Level I
Practical Skill Scenarios

14 OF 16: SCBA / CLEANING AND SANITIZING

NFPA 1001, 5.5.1

Performance Objective: The candidate, given a Self Contained Breathing Apparatus, shall thoroughly clean and sanitize the SCBA to assure the SCBA is ready for Use.

Performance Evaluation: The evaluator shall provide the candidate with a SCBA. The candidate shall thoroughly clean and sanitize the SCBA. The candidate shall use any and all SCBA units available to his/her department.

Instructor's Statement: The candidate, given an SCBA of their choice from their jurisdiction, shall properly clean and sanitize the SCBA and then bring the unit back to a ready to use condition.

Recommended Equipment List:

NC FIRE and RESCUE COMMISSION
Firefighter Level I
Practical Skill Scenarios

STUDENT'S NAME _____

ID# _____

EVALUATOR _____

DATE _____

SCBA / CLEANING AND SANITIZING

SCORING

YES

ADD

Face piece:

- | | | |
|---|--------------------------|----|
| a) Disassembles all components of the SCBA. | <input type="checkbox"/> | 10 |
| b) Cleans the face piece with a mild cleaner / disinfectant and warm water. | <input type="checkbox"/> | 10 |
| c) Completely rinses face piece. | <input type="checkbox"/> | 10 |
| d) Cleans the low pressure hose same as face piece. | <input type="checkbox"/> | 10 |
| e) Completely rinses. | <input type="checkbox"/> | 10 |
| f) Air dry components. | <input type="checkbox"/> | 10 |

Cylinder:

- | | | |
|------------------------------------|--------------------------|----|
| a) Thoroughly cleans the cylinder. | <input type="checkbox"/> | 10 |
|------------------------------------|--------------------------|----|

Harness:

- | | | |
|---|--------------------------|----|
| a) Cleans off the unit with mild, clean disinfectant. | <input type="checkbox"/> | 10 |
| b) Wipes off unit and rinses as needed. | <input type="checkbox"/> | 10 |
| c) Lets harness air dry. | <input type="checkbox"/> | 10 |

POINTS

Total points possible for this evaluation skill: 100

Total points needed to pass: 70

Total points scored by the candidate: _____

NC FIRE and RESCUE COMMISSION
Firefighter Level I
Practical Skill Scenarios

15 OF 16: SCBA / MAINTENANCE

NFPA 1001, 5.5.1

Performance Objective: The firefighters given a SCBA utilized by the authority having jurisdiction, shall demonstrate daily and periodic Inspection of the unit and perform maintenance as needed to assure the SCBA is ready for use.

Performance Evaluation: The candidate shall demonstrate an inspection of an SCBA and perform minor maintenance as necessary.

Instructor's Statement: The candidate, given an SCBA of their choice from their jurisdiction, shall properly inspect the SCBA, perform any minor maintenance required and bring the unit back to a ready to use condition.

Recommended Equipment List:

NC FIRE and RESCUE COMMISSION
Firefighter Level I
Practical Skill Scenarios

STUDENT'S NAME _____

ID# _____

EVALUATOR _____

DATE _____

SCBA / MAINTENANCE

SCORING

YES

ADD

Daily Inspection:

- | | | |
|--|--------------------------|-----|
| a) Checks to see that all components are present. | <input type="checkbox"/> | 2.5 |
| b) Checks to ensure that the cylinder is at least 90% full. | <input type="checkbox"/> | 5 |
| c) Checks to ensure that all gauges work. Cylinder and regulator gauge should read within 100 psi of each other. | <input type="checkbox"/> | 5 |
| d) Checks hydrostatic test date. | <input type="checkbox"/> | 2.5 |
| e) Checks low pressure hose. | <input type="checkbox"/> | 5 |
| f) Checks exhalation valve. | <input type="checkbox"/> | 2.5 |
| g) Checks to see that low-pressure alarm is in working condition. | <input type="checkbox"/> | 5 |
| h) Checks to ensure that all hose connections are tight and free of leaks. | <input type="checkbox"/> | 5 |
| i) Checks to ensure that the face piece is in good condition and the straps are in the fully extended position. | <input type="checkbox"/> | 2.5 |
| j) Checks to ensure that the harness system is in good condition and that all straps are in the fully extended position. | <input type="checkbox"/> | 2.5 |
| k) Checks to ensure that the by-pass and mainline valves are operational. | <input type="checkbox"/> | 5 |

After Use:

- | | | |
|--|--------------------------|-----|
| l) Replaces empty cylinder with a full cylinder. | <input type="checkbox"/> | 2.5 |
| m) Inspects condition of O-ring and gaskets. | <input type="checkbox"/> | 5 |
| n) Inspects the face piece for damage | <input type="checkbox"/> | 5 |
| o) Inspects low-pressure hose for damage. | <input type="checkbox"/> | 2.5 |
| p) Checks cleanliness of unit. | <input type="checkbox"/> | 5 |
| q) Inspects harness for damage while re-assembling unit. | <input type="checkbox"/> | 5 |
| r) Inspects regulator for damage. | <input type="checkbox"/> | 2.5 |
| s) After re-assembly, checks the operation of the entire unit. | <input type="checkbox"/> | 5 |

Periodic Inspection (Every three months):

- | | | |
|---|--------------------------|---|
| t) Checks the face piece, hose, and exhalation valve by inhaling slowly with thumb or palm over the end of the hose connection. | <input type="checkbox"/> | 5 |
|---|--------------------------|---|

NC FIRE and RESCUE COMMISSION
Firefighter Level I
Practical Skill Scenarios

STUDENT'S NAME _____ ID# _____

EVALUATOR _____ DATE _____

u) Connect the low-pressure hose to the regulator and check the performance of the regulator. 5

Periodic Inspection (Every 2 1/2 years):

v) Return the regulator and hose to factory for testing / repair. 5

Hydrostatic Testing:

w) Steel and aluminum cylinders-every five years. 5

OR

x) Composite cylinders every three years. 5

POINTS

Total points possible for this evaluation skill: 100

Total points needed to pass: 70

Total points scored by the candidate: _____

NC FIRE and RESCUE COMMISSION
Firefighter Level I
Practical Skill Scenarios

16 OF 16: SCBA / RECHARGE

NFPA 1001, 5.5.1

Performance Objective: The candidate, given an empty or low cylinder from an open circuit positive pressure, SCBA unit, and a cascade system, shall demonstrate the correct procedure for recharging the SCBA cylinder from the cascade system.

Performance Evaluation: Because of the nature and complexity of this skill, each candidate must first:

1. Verbally state the steps in recharging a SCBA air cylinder.
2. Physically demonstrate each one of the steps.

During the demonstration, the skill evaluator shall have full authority to stop any unsafe act to protect the safety and well being of any individual or equipment. Due to the variety of cascade and SCBA systems throughout fire departments, evaluators may have to make minor adjustments in this skill. The candidate must verbally explain or physically demonstrate each one of the evaluation steps listed in order to receive the point(s) for that step. Failure to do so will result in no point(s) being awarded for that particular step.

Instructor's Statement: The candidate, given an empty or low cylinder from an open circuit positive pressure, SCBA unit, and a cascade system, shall describe (step by step) and then demonstrate the correct procedure for recharging the SCBA cylinder from the cascade system.

Recommended Equipment List:

NC FIRE and RESCUE COMMISSION
Firefighter Level I
Practical Skill Scenarios

STUDENT'S NAME _____ ID# _____

EVALUATOR _____ DATE _____

SCBA / RECHARGE

SCORING

	YES	ADD
a) Inspects the SCBA cylinder for damage.	<input type="checkbox"/>	5
b) Checks and states the hydrostatic test date and approved maximum DOT pressure.	<input type="checkbox"/>	5
c) Places SCBA cylinder in charging station.	<input type="checkbox"/>	5
d) Connects charging hose from cascade system to SCBA cylinder.	<input type="checkbox"/>	5
e) Opens the SCBA cylinder valve.	<input type="checkbox"/>	5
f) Compares gauge readings.	<input type="checkbox"/>	5
g) Slowly opens valve of cascade cylinder with the lowest pressure but more than that in the SCBA cylinder. Note: Allow the candidate to use the regulator if the cascade system is so equipped.	<input type="checkbox"/>	10
h) Slowly and safely charges SCBA cylinder so that there is no "chattering" or excessive heating, and the cylinder gauge needle can be observed rising.	<input type="checkbox"/>	10
i) Allows pressures to equalize.	<input type="checkbox"/>	5
j) Closes cascade cylinder valve.	<input type="checkbox"/>	5
k) Opens valve on cascade cylinder with the next highest pressure.	<input type="checkbox"/>	5
l) Repeats steps 7,8,9,10 and 11 until the SCBA cylinder is full.	<input type="checkbox"/>	5
m) Fills SCBA cylinder to appropriate pressure (full marking).	<input type="checkbox"/>	5
n) Closes cascade cylinder valve.	<input type="checkbox"/>	5
o) Closes SCBA cylinder valve.	<input type="checkbox"/>	5
p) Bleeds pressure from cascade fill line.	<input type="checkbox"/>	5
q) Disconnects fill hose.	<input type="checkbox"/>	5
r) Removes SCBA cylinder from charging station.	<input type="checkbox"/>	5

POINTS

Total points possible for this evaluation skill: 100

Total points needed to pass: 70

Total points scored by the candidate: _____