



## NHFA FIREFIGHTER I COURSE GUIDE UNIT 9 and 10: PPE & SCBA (8 HR)

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CHAP	SKILL DRILL	SKILL #	STAND. EVOL. #
	<b>LAB BLOCK</b>		
9	PPE inspection	9-6	
10	Cleaning SCBA	10-14	
10	Daily Inspection	10-13	
10	Replacing a Cylinder 1FF	10-5	
	<b>BLOCK 1</b>		
9	Don PPE	9-1	
9	Doff PPE	9-3	
10	Donning SCBA "Over-The-Head"	10-2	
10	Donning SCBA Coat Method	10-3	
10	Activating SCBA Regulator	10-1	
10	Doff SCBA	10-4	
9	Doff Superheat 1FF	9-4	
9	Doff Superheat 2FF	9-5	
10	Replace Cylinder 2FF	10-6	
10	Refill SCBA Cascade	10-15	
	<b>BLOCK 2</b>		
17	Mounting and Dismounting an Apparatus	17-1	
10	Donning SCBA Seat Mount	10-16	
10	Control Breathing	10-8	
10	Communication Techniques While Wearing SCBA	10-7	
10	Emergency Use of Regulator Bypass	10-9	
10	Crack or Leak In the Facepiece	10-10	
10	No Air Maneuver	10-11	
10	Using the Universal Rescue Connection	10-12	
	Work Capacity Evolution		9SE-6S1
	1,000 Pound Evolution		10SE-6S1



## NH FIRE ACADEMY FIREFIGHTER I

### UNIT 9 & 10, LAB BLOCK (2HR)

**CLASS NAME: PPE & SCBA**

**NUMBER OF INSTRUCTORS: 3 INSTRUCTORS**

<b>EQUIPMENT NEEDED</b>	<ul style="list-style-type: none"> <li>• Full PPE and SCBA for students</li> <li>• tables</li> </ul>
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<b>FACILITY NEEDED</b>	Areas large enough to assemble the students
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<b>SKILL DRILL REFERENCE</b>	9-6	10-5	10-13	10-14				
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<b>GENERAL INSTRUCTION</b>	<p>Assemble the class in the classroom.</p> <p>Be mindful of the students' lack of familiarity with PPE and SCBA. This may be their first exposure to firefighting equipment.</p>
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**NH FIRE ACADEMY FIREFIGHTER I**  
**UNIT 9 & 10 LAB BLOCK (2HR)**

EVOLUTION	DESCRIPTION
<b>PPE Inspection</b>	<p>Instructors shall demonstrate performing a <b>PPE Inspection</b>.</p> <p>Skill Drill 9-6</p> <p>Each student shall conduct a PPE Inspection.</p>
<b>Daily Check</b>       <b>SCBA Functions &amp; Features</b>	<p>Instructors shall lead the students through a <b>SCBA Daily Check</b>.</p> <p>Skill Drill 10-13</p> <p>Students shall operate the unit and verbally describe features of the unit.</p> <p>Instructors shall demonstrate all functions and features of the specific SCBAs used by the students. NOTE: Place students with the same SCBA manufacturer in the same group when possible.</p>
<b>Replacing an Air Cylinder</b>       <b>Cleaning SCBA</b>	<p>Instructors shall demonstrate replacing an air cylinder.</p> <p>Skill Drill 10-5</p> <p>Each student shall remove and replace the cylinder in their SCBA</p> <p>The Instructor shall demonstrate how to clean and decontaminate an SCBA,</p> <p>Skill Drill 10-14.</p> <p>Students will describe how to clean and decontaminate their SCBA.</p>





## NH FIRE ACADEMY FIREFIGHTER I

### UNIT 9 & 10, BLOCK 1 (2 HR)

**CLASS NAME: PPE & SCBA**

**NUMBER OF INSTRUCTORS: 4 INSTRUCTORS**

<b>EQUIPMENT NEEDED</b>	<ul style="list-style-type: none"> <li>• Full PPE and SCBA for students</li> <li>• Salvage covers (4)</li> <li>• Cascade unit</li> </ul>
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<b>FACILITY NEEDED</b>	Areas large enough to assemble the students with PPE & SCBA around four salvage covers.
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<b>SKILL DRILL REFERENCE</b>	9-1	9-3	9-4	9-5	10-1	10-2	10-3	10-4	10-6
	10-15								

<b>GENERAL INSTRUCTION</b>	<p>Assemble the class in the practice area. Divide the class into 4 groups with one instructor assigned to each group.</p> <p><b>Be mindful of the students' lack of familiarity with PPE and SCBA. This may be their first exposure to firefighting equipment.</b></p> <p>Maintenance skills are important in insuring proper SCBA function.</p>
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**NH FIRE ACADEMY FIREFIGHTER I  
UNIT 9 & 10, BLOCK 1 (2 HR)**

EVOLUTION	DESCRIPTION
Donning & Doffing PPE	<p>Instructor shall demonstrate proper donning and doffing of PPE. Skill Drill 9-1 &amp; 9- Instructors shall demonstrate how to don PPE from a bag, floor, and gear rack.</p> <p>Students don and doff PPE numerous times. Emphasize safety and by the end of the session's students should be fairly proficient at properly donning and doffing PPE. A target time will be introduced only after students are comfortable with the proper donning of PPE (60 seconds).</p>
Donning & Doffing SCBA	<p>Instructor shall demonstrate donning using the "Over-The-Head" and "Coat methods of donning SCBA, as well as doffing SCBA. Skill Drill 10-1, 10-2, 10-3, and 10-4.</p> <p>Students shall perform each method until minimal competency has been achieved. Time will be introduced only after the students are comfortable with the proper donning and doffing of SCBA. A target time will be introduced only after students are comfortable with the proper donning of SCBA (60 seconds).</p>
Replacing Cylinder	<p>Instructors shall demonstrate replacing an air cylinder (two person). Each student shall remove and replace the cylinder on another firefighter. Skill Drill 10-6 Students shall demonstrate removal and replacement of a cylinder on another firefighter.</p>
Refilling Cylinder	<p>Instructors shall demonstrate refilling the cylinder using a student's cylinder. Skill Drill 10-15. Cascading is explained if the equipment being used does not have that function available.</p>
Doffing Superheated 1 & 2FF	<p>Instructor shall demonstrate proper doffing for 1FF and 2FF of superheated PPE and SCBA Skill Drill 9-5 and 9-6.</p> <p>Students shall perform proper 1FF doffing of PPE and SCBA numerous times. Each student shall perform proper removal of PPE and SCBA on another firefighter. This will be repeated numerous times until minimal competency has been achieved.</p>
Donning for work	<p>Instructor shall demonstrate donning SCBA mask, helmet, hood, and gloves.</p> <p>Students shall don all PPE including SCBA minus SCBA mask and hood. Then from a position students shall don their mask, hood, helmet, gloves, and engage their regulator. This will be repeated numerous times until minimal competency has been achieved. A target time will be introduced only after students are comfortable with properly donning (25 seconds).</p>

**NOTE:** Donning for work and doffing superheated 1FF can be combined for efficiency.



## NH FIRE ACADEMY FIREFIGHTER I UNIT 9 & 10, BLOCK 2 (4 HR)

**CLASS NAME: PPE & SCBA**

**NUMBER OF INSTRUCTORS: 6**

<b>EQUIPMENT NEEDED</b>	<ul style="list-style-type: none"> <li>• Full PPE and SCBA for students</li> <li>• Area to complete work capacity</li> <li>• Salvage covers (4)</li> <li>• Apparatus</li> <li>• Seat Mount</li> <li>• 50' of 1 ¾" hose</li> <li>• 6 cones</li> <li>• Two tires</li> <li>• 4 sledge hammers</li> <li>• Times</li> <li>• Two power saws</li> <li>• 4 step boxes</li> <li>• Cascade filling station</li> </ul>
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<b>FACILITY NEEDED</b>	Areas large enough to assemble the students with PPE & SCBA around four salvage covers.
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<b>SKILL DRILL REFERENCE</b>	10-7	10-8	10-9	10-10	10-11	10-12	10-16	17-1
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<b>GENERAL INSTRUCTION</b>	<p>Assemble the class in the practice area. Divide the class into 4 groups with one instructor assigned to each group.</p> <p><b>Be mindful of the students' lack of familiarity with PPE and SCBA. This may be their first exposure to firefighting equipment.</b></p> <p>Maintenance skills are important in insuring proper SCBA function.</p>
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**NH FIRE ACADEMY FIREFIGHTER I  
UNIT 9 & 10, BLOCK 1 (4 HR)**

<b>EVOLUTION</b>	<b>DESCRIPTION</b>
<p>MOUNTING &amp; DISMOUNTING APPARATUS</p>    <p>DONNING SEAT MOUNT</p>	<p>Instructors shall demonstrate mounting and dismounting an apparatus and donning an SCBA in the Seated position.</p> <p>Skill Drill 10-16 and 17-1</p> <p>Students shall demonstrate how to properly mount and dismount and apparatus.</p> <p>Students shall demonstrate properly donning an SCBA in the seated position.</p>
<p>COMMUNICATING &amp; BREATHING CONTROL</p>	<p>Instructors shall demonstrate techniques for controlling breathing and communicating while wearing an SCBA.</p> <p>Skill Drill 10-7 and 10-8</p> <p>Students shall perform a work capacity evaluation. See <b>9SE-6S1</b></p>
<p>EMERGENCY PROCEDURES</p>	<p>Instructor shall demonstrate proper emergency procedures when your face piece is cracked and when you have no air. Instructor shall demonstrate how to use your regulator bypass and the universal rescue connection.</p> <p>Skill Drill 10-9, 10-10, 10-11, and 10-12</p> <p>Students will perform a 1,000 psi drill. See <b>10SE-6S1</b></p>

**NH FIRE ACADEMY FIREFIGHTER I**  
**UNIT 9 & 10, BLOCK 2**

**9SE-6S1: Work Capacity Evaluation**

**Skill Drills:**

**Instructions:**

The work capacity evaluation is designed to assess the student's air management while performing moderate work. The evaluation will be performed at the beginning of the course and later in the course to assess students' air management progress throughout the course.

**Instructor:**

The instructor will record the student's name, start air pressure and the time of the following landmarks, start of course, low air alarm activated, 1000psi mark, and the end time. The evaluation ends when students complete all stations.

**Directive:**

Students will Don their PPE and SCBA and mask, minus going onto air, and stand in front of the step box.

The instructor will state go and mark the time. Students will go on air and step up with one foot then step up with the next foot standing on the box. Then one foot at a time students will step down until both feet are on the ground. This will be repeated for approximately two (2) minutes. Students will stop with both feet on the ground and pick up a 50' bundle of hose.

Students will then walk to the next station (carry and drag hose). Set down the 50' hose bundle. Students kneel and grab the end of 100' hose pulling hand over hand until the hose reaches the line on the hose. Students will then walk to the next station (tool swing).

Students will pick up a 10-lb sledgehammer and swing the sledgehammer no higher than shoulder height and down to a tire. Students will repeat this ten times.

Students will walk to the next station (tool carry). Using proper lifting techniques students will pick from the floor two power saws or two 20-lb kettlebells, one in each hand, then walk 10' turn around and walk back 10 feet to the cones. Using proper lowering techniques students will place saws or kettlebells onto the floor. Students must walk, no running or walking fast will be allowed.

Students walk to the next station (Modified Bear Crawl). Students will start at one set of cones crawl 35' to the second set of cones and then crawl back 35 feet to the original set of cones. Students are expected to stay in the modified crawl between cones. Note: Students can rest for no more than 30 seconds once they reach the second set of cones.

Students will walk to the next station (Rescue Drag). Starting at one set of cones the student will grasp the handle of the weight sled and drag it 35 feet to the second set of cones without stopping and will return 35 feet back to the first set of cones.

**NH FIRE ACADEMY FIREFIGHTER I**  
**UNIT 9 & 10, BLOCK 2**

**10SE-6S2: 1,000-pound Evaluation**

**Skill Drills:**

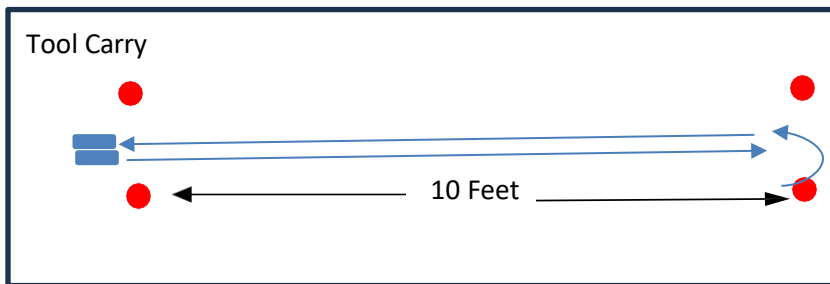
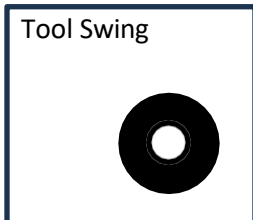
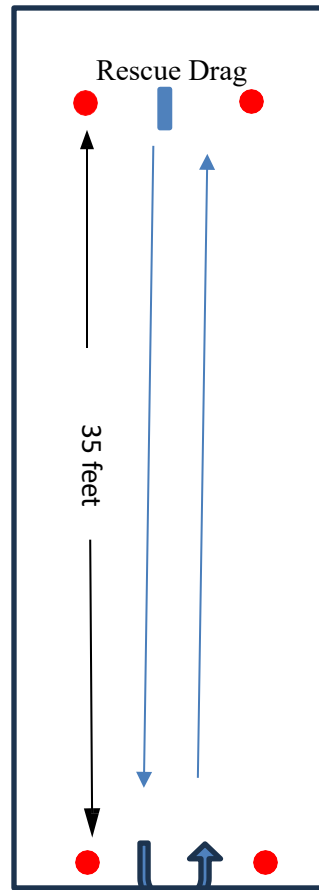
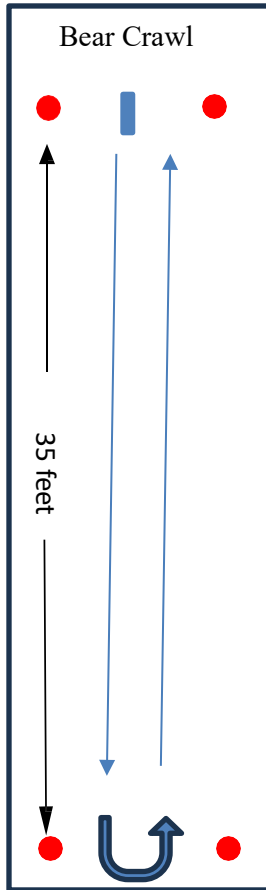
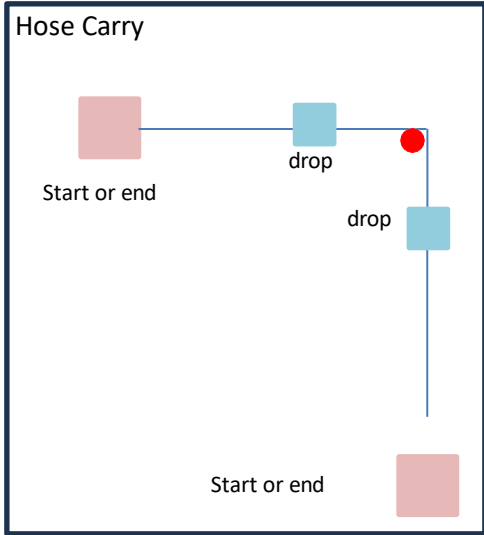
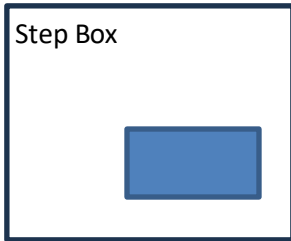
Students must complete minimum 1 round of the above Work Capacity Course. Students will continue in the course until their bottle pressure reaches 1,000psi. Once their bottle is at 1,000 psi the student will be led to an area while remaining on air and will sit down. The instructor will mark the time and will record when each student is out of air.

During this assessment students will need to work on air management utilizing the techniques they have learned to determine how long their air will last before there is no air left to consume.



NH FIRE ACADEMY FIREFIGHTER I  
UNIT 9 & 10, BLOCK 2

WORK CAPACITY EVALUATION LAYOUT



**FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II**  
**Instructor Curriculum Skill Evaluation Sheet**

<b>SKILL SHEET 9-1</b>		<b>Don Personal Protective Clothing</b>	
<b>OBJECTIVE:</b>		NFPA 1001, 4.1.2	<b>FEH Chapter: 9</b>
<b>CANDIDATE NAME/NUMBER:</b>			<b>No.:</b>
<b>TEST DATE/TIME</b>			
<b>EQUIPMENT REQUIRED:</b> [Add local requirements if needed]		<ul style="list-style-type: none"> <li>Personal protective equipment</li> </ul>	
<b>EVALUATOR INSTRUCTIONS</b>			
<b>CANDIDATE INSTRUCTIONS:</b>  <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>		The student will properly don Personal Protective Equipment.	
<b>CRITERIA:</b>		<b>NOTE: Based on material from the Skill Drill Instructor Guides</b> <b>[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]</b>	
<b>Critical?</b>		<b>Pass</b>	<b>Fail</b>
	Properly don boots		
	Properly don pants		
	Properly don hood		
	Properly don coat		
	Properly don helmet		
	Properly don gloves		
<b>EVALUATOR COMMENTS:</b>  [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
<b>EVALUATOR SIGNATURE:</b>			
<b>STUDENT SIGNATURE:</b>			

**FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II**  
**Instructor Curriculum Skill Evaluation Sheet**

SKILL SHEET 9-3		Doffing PPE	
OBJECTIVE:		NFPA 1001, 4.1.2	FEH Chapter: 9
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			Page 170 – 171
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> <li>PPE</li> </ul>	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS:		Student will demonstrate doffing their PPE	
<i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>			
CRITERIA:		<b>NOTE: Based on material from the Skill Drill Instructor Guides</b> <b>[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]</b>	
Critical?		Pass	Fail
	The student removes his or her helmet		
	The student removes their gloves		
	The student doffs their coat		
	The student loosens their shoulder straps for comfort. They then remove their flash hood and place in the appropriate pocket.		
	The student removes their suspenders, opens their pants closure, and pulls their pants down completely around their boots, exposing the top of each boot.		
	The student should place the suspenders on top of the boots to keep them off the bottom of the locker, bag, or compartment.		
EVALUATOR COMMENTS:			
[ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			

**FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II**  
**Instructor Curriculum Skill Evaluation Sheet**

<b>SKILL SHEET 9-4</b>		<b>Doffing Superheated Gear 1FF</b>	
<b>OBJECTIVE:</b>		NFPA 1001, 4.1.2	<b>FEH Chapter: 9</b>
<b>CANDIDATE NAME/NUMBER:</b>			<b>No.:</b>
<b>TEST DATE/TIME</b>			
<b>EQUIPMENT REQUIRED:</b> [Add local requirements if needed]		<ul style="list-style-type: none"> <li>• PPE</li> <li>• SCBA</li> </ul>	
<b>EVALUATOR INSTRUCTIONS</b>			
<b>CANDIDATE INSTRUCTIONS:</b> <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>		Student will demonstrate doffing superheated gear.	
<b>CRITERIA:</b>		<b>NOTE: Based on material from the Skill Drill Instructor Guides</b> <b>[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]</b>	
<b>Critical?</b>		<b>Pass</b>	<b>Fail</b>
	Keep your gloves on and remove your regulator from your facepiece.		
	Remove the helmet.		
	Loosen the shoulder straps to your SCBA all the way.		
	Open the collar tab and closure from the top down.		
	Once at the waist, open the SCBA waist strap and open the top of the pants completely.		
	Open the coat as wide as possible; roll the coat and SCBA out and off your shoulders. Let them slide to the ground.		
	Use your feet to help pull the coat off your arms. If you have wristlets with either a thumbhole or loop, you may have to remove your gloves with your feet before you pull your arms out of the coat completely. Remember, if your gloves come off, do not touch any metal on your PPE; it will be hot enough to burn.		
	Undo your suspenders and let the pants fall to the ground. Wiggle your legs to help the pants fall. If necessary, use your hands, but only on the inside of the pants. Step on the boots to pull your feet out.		
<b>EVALUATOR COMMENTS:</b> [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
<b>EVALUATOR SIGNATURE:</b>			
<b>STUDENT SIGNATURE:</b>			



**FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II**  
**Instructor Curriculum Skill Evaluation Sheet**

<b>SKILL SHEET 9-5</b>		<b>Doffing Superheated Gear 2 FF</b>	
<b>OBJECTIVE:</b>		NFPA 1001, 4.1.2	<b>FEH Chapter: 9</b>
<b>CANDIDATE NAME/NUMBER:</b>			<b>No.:</b>
<b>TEST DATE/TIME</b>			
<b>EQUIPMENT REQUIRED:</b> [Add local requirements if needed]		<ul style="list-style-type: none"> <li>• PPE</li> <li>• SCBA</li> </ul>	
<b>EVALUATOR INSTRUCTIONS</b>			
<b>CANDIDATE INSTRUCTIONS:</b>  <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>		Working as a member of a team, the student will demonstrate the procedure for doffing superheated gear when a second firefighter is available.	
<b>CRITERIA:</b>		<b>NOTE: Based on material from the Skill Drill Instructor Guides</b>  <b>[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]</b>	
<b>Critical?</b>		<b>Pass</b>	<b>Fail</b>
	Keep your gloves on and remove the firefighter's regulator from the facepiece.		
	Loosen the shoulder straps to the SCBA.		
	Open the collar tab and coat closures from the top down.		
	Once at your waist strap, open the strap. Roll the SCBA off the firefighter's shoulders along with the coat.		
	Undo the waist strap and open the top of the pants. Help the firefighter with the suspenders.		
	Pull down the pants and assist the firefighter with the boots.		
	Remove the helmet, flash hood, and facepiece.		
<b>EVALUATOR COMMENTS:</b>  [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
<b>EVALUATOR SIGNATURE:</b>			
<b>STUDENT SIGNATURE:</b>			

**FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II**  
**Instructor Curriculum Skill Evaluation Sheet**

SKILL SHEET 9-6		PPE Inspection	
OBJECTIVE:		NFPA 1001, 4.1.2	FEH Chapter: 9
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			Page 171 - 172
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> <li>• PPE</li> </ul>	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS:		Student will inspect their PPE.	
<i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>			
CRITERIA:		<b>NOTE: Based on material from the Skill Drill Instructor Guides</b> <b>[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]</b>	
Critical?		Pass	Fail
	Separate the outer shell from the inner liner so each component can be inspected.		
	Check that the outer shell does not have any holes, cuts, separated seams, or missing reflective striping. All snaps, Velcro, and fasteners must be in working order.		
	Check that the moisture barrier is uniform in color. All seams should be intact. There should not be any signs of abrasion (typically in joint and pressure point areas such as the knees, shoulders, and elbows).		
	In the thermal liner, look for signs of staining, worn seams, and quilting becoming unwoven.		
	When any damage is found, the PPE needs to be taken out of service and either repaired by the manufacturer or certified repair facility or replaced. If you find or suspect any damage, report it to the station officer in charge of PPE.		
EVALUATOR COMMENTS:			
[ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			

**FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II**  
**Instructor Curriculum Skill Evaluation Sheet**

<b>SKILL SHEET 10-1</b>		<b>Activating SCBA Regulator</b>	
<b>OBJECTIVE:</b>		NFPA 1001, 4.3.1	<b>FEH Chapter: 10</b>
<b>CANDIDATE NAME/NUMBER:</b>			<b>No.:</b>
<b>TEST DATE/TIME</b>			
<b>EQUIPMENT REQUIRED:</b> [Add local requirements if needed]		<ul style="list-style-type: none"> <li>PPE including SCBA</li> </ul>	
<b>EVALUATOR INSTRUCTIONS</b>			
<b>CANDIDATE INSTRUCTIONS:</b>		Student will demonstrate activating the SCBA regulator.	
<i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>			
<b>CRITERIA:</b>		<b>NOTE: Based on material from the Skill Drill Instructor Guides</b> <b>[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]</b>	
<b>Critical?</b>		<b>Pass</b>	<b>Fail</b>
	Push, click, or twist your regulator into place on your mask.		
	Breathe in.		
	If your regulator malfunctions outside of an IDLH atmosphere, remove the regulator.		
	If the regulator malfunctions in an IDLH atmosphere, utilize the bypass valve to receive air.		
<b>EVALUATOR COMMENTS:</b>  [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
<b>EVALUATOR SIGNATURE:</b>			
<b>STUDENT SIGNATURE:</b>			

**FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II**  
**Instructor Curriculum Skill Evaluation Sheet**

<b>SKILL SHEET 10-2</b>		<b>Donning SCBA: Over-the-Head Method</b>		
<b>OBJECTIVE:</b>		NFPA 1001, 4.3.1	<b>FEH Chapter: 10</b>	
<b>CANDIDATE NAME/NUMBER:</b>			<b>No.:</b>	
<b>TEST DATE/TIME</b>				
<b>EQUIPMENT REQUIRED:</b> [Add local requirements if needed]		<ul style="list-style-type: none"> <li>PPE including SCBA</li> </ul>		
<b>EVALUATOR INSTRUCTIONS</b>				
<b>CANDIDATE INSTRUCTIONS:</b>  <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>		Student will don the SCBA using the over-the-head method.		
<b>CRITERIA:</b>		<b>NOTE: Based on material from the Skill Drill Instructor Guides</b> <b>[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]</b>		
Critical?			Pass	Fail
	Don PPE and place the unit so the cylinder valve is facing away from you and the straps are to the sides. (Make sure the straps on your facepiece are fully extended.)			
	Pull your hood back and kneel in front of the unit			
	Check that your cylinder is full. Fully open the main cylinder valve. As the pressure increases, both visible and audible alarms activate automatically, indicating that the alarms are functional. When the system is fully pressurized, the alarms enter the normal use mode.			
	Grasp the backplate with both hands and lift the unit over your head.			
	While the unit is over your head, tuck your arms in close to your body and slowly slide the unit down your back, while making sure that your arms slide into the shoulder straps.			
	Adjust your shoulder and waist straps for comfort.			
	With ungloved hands pick up your facepiece and set your chin in the chin pocket of the mask.			
	Fit the facepiece to your face and bring the straps or webbing over your head.			
	Adjust the straps in the following order: chin straps, temple straps, then head strap (if available). Make sure to pull the straps straight back, not outward.			
	Check for a proper seal with an ungloved hand. This is done by restricting the flow of air to the mask by holding the palm of your ungloved hand over the inlet adaptor and inhaling. Hold your breath for at least 10 seconds. The facepiece should collapse and stay collapsed.			
	If you are using a mask-mounted regulator, grasp the regulator and orient it so it easily fits into the facepiece.			
	Insert the regulator into the facepiece adapter by pushing it inward. Push, click, or twist the regulator into place. Inhale to initiate the air flow.			

	Pull the hood over the straps and webbing and place helmet on head and secure strap		
	Don your gloves and report for duty.		
<b>EVALUATOR COMMENTS:</b>  [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
<b>EVALUATOR SIGNATURE:</b>			
<b>STUDENT SIGNATURE:</b>			

**FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II**  
**Instructor Curriculum Skill Evaluation Sheet**

<b>SKILL SHEET 10-3</b>		<b>Donning SCBA: Coat Method</b>	
<b>OBJECTIVE:</b>		NFPA 1001, 4.3.1	<b>FEH Chapter: 10</b>
<b>CANDIDATE NAME/NUMBER:</b>			<b>No.:</b>
<b>TEST DATE/TIME</b>			
<b>EQUIPMENT REQUIRED:</b> [Add local requirements if needed]		<ul style="list-style-type: none"> <li>PPE including SCBA</li> </ul>	
<b>EVALUATOR INSTRUCTIONS</b>			
<b>CANDIDATE INSTRUCTIONS:</b>		Student will properly don their SCBA using the coat method.	
<i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>			
<b>CRITERIA:</b>		<b>NOTE: Based on material from the Skill Drill Instructor Guides</b> <b>[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]</b>	
Critical?		Pass	Fail
	Don PPE and place the unit, so the cylinder valve is facing toward you and the straps are to the sides.		
	Pull your hood back.		
	Check that your cylinder is full. Fully open the main cylinder valve. As the pressure increases, both visible and audible alarms activate automatically, indicating that the alarms are functional. When the system is fully pressurized, the alarms enter the normal use mode.		
	Grasp the left shoulder strap. Lift the unit and swing it over your shoulder, then slide the right arm through the right shoulder strap.		
	Adjust the shoulder and waist straps for comfort.		
	With ungloved hands pick up your facepiece and set your chin in the chin pocket of the mask.		
	Fit the facepiece to your face and bring the straps or webbing over your head.		
	Adjust the straps in the following order: chin straps, temple straps, then head strap (if available). Make sure to pull the straps straight back, not outward.		
	Check for a proper seal with an ungloved hand. This is done by restricting the flow of air to the mask by holding the palm of your hand over the inlet adaptor and inhaling. Hold your breath for at least 10 seconds. The facepiece should collapse and stay collapsed.		
	If you are using a mask-mounted regulator, grasp the regulator and orient it so it easily fits into the facepiece.		
	Insert the regulator into the facepiece adapter by pushing it inward. Push, click, or twist the regulator into place. Inhale to initiate the air flow.		
	Pull the hood over the straps and webbing.		

	Place the helmet on your head and secure the chin strap.		
	Don your gloves and report for duty.		
<b>EVALUATOR COMMENTS:</b>  [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
<b>EVALUATOR SIGNATURE:</b>			
<b>STUDENT SIGNATURE:</b>			

**FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II**  
**Instructor Curriculum Skill Evaluation Sheet**

<b>SKILL SHEET 10-4</b>		<b>Doffing SCBA</b>	
<b>OBJECTIVE:</b>		NFPA 1001, 4.3.1	<b>FEH Chapter: 10</b>
<b>CANDIDATE NAME/NUMBER:</b>			<b>No.:</b>
<b>TEST DATE/TIME</b>			
<b>EQUIPMENT REQUIRED:</b> [Add local requirements if needed]		<ul style="list-style-type: none"> <li>PPE including SCBA</li> </ul>	
<b>EVALUATOR INSTRUCTIONS</b>			
<b>CANDIDATE INSTRUCTIONS:</b>  <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>		Student will properly doff and store their SCBA.	
<b>CRITERIA:</b>		<b>NOTE: Based on material from the Skill Drill Instructor Guides</b> <b>[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]</b>	
<b>Critical?</b>		<b>Pass</b>	<b>Fail</b>
	Grasp the regulator with gloved hand. Push the release button and pull the regulator off the facepiece adaptor.		
	Stow the regulator into its holder.		
	Close the cylinder valve fully.		
	Open the bypass to release system pressure. Close the bypass.		
	Turn off the integrated PASS device.		
	Fully loosen the head harness straps and pull the facepiece up and away from your head.		
	Release the waist strap.		
	Loosen the shoulder straps by grabbing the release loop. Pull them out and away from your body.		
	Slip your right arm out of the shoulder strap first, then remove the harness.		
	Be sure to replace a less than full cylinder with a full one.		
<b>EVALUATOR COMMENTS:</b> [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
<b>EVALUATOR SIGNATURE:</b>			
<b>STUDENT SIGNATURE:</b>			



**FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II**  
**Instructor Curriculum Skill Evaluation Sheet**

<b>SKILL SHEET 10-5</b>		<b>SCBA—Replacement of Cylinder (one person) For Reentry</b>	
<b>OBJECTIVE:</b>		NFPA 1001, 4.3.1	<b>FEH Chapter: 10</b>
<b>CANDIDATE NAME/NUMBER:</b>			<b>No.:</b>
<b>TEST DATE/TIME</b>			
<b>EQUIPMENT REQUIRED:</b> [Add local requirements if needed]		<ul style="list-style-type: none"> <li>• Personal protective equipment</li> <li>• Self-contained breathing apparatus</li> <li>• Replacement air cylinder</li> </ul>	
<b>EVALUATOR INSTRUCTIONS</b>			
<b>CANDIDATE INSTRUCTIONS:</b>  <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>		The student will demonstrate the appropriate steps to replace an air cylinder on an SCBA.	
<b>CRITERIA:</b>		<b>NOTE: Based on material from the Skill Drill Instructor Guides</b>  <b>[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]</b>	
<b>Critical?</b>		<b>Pass</b>	<b>Fail</b>
	Closes cylinder and properly bleeds off pressure		
	Doffs SCBA unit and places it on the ground.		
	Removes, positions, protects high pressure hose		
	Releases empty cylinder and removes from SCBA		
	Checks valve opening and “O” ring		
	Checks that replacement cylinder is greater than 90% pressure.		
	Places replacement cylinder into SCBA and secures		
	Connects high pressure hose, opens cylinder fully and Checks for leaks		
	Verbalizes bottle gauge pressure and regulator gauge pressure are within 100 psi		
<b>EVALUATOR COMMENTS:</b>  [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
<b>EVALUATOR SIGNATURE:</b>			
<b>STUDENT SIGNATURE:</b>			

**FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II**  
**Instructor Curriculum Skill Evaluation Sheet**

<b>SKILL SHEET 10-6</b>		<b>SCBA—Replacement of Cylinder (two person) For Reentry</b>	
<b>OBJECTIVE:</b>		NFPA 1001, 4.3.1	<b>FEH Chapter: 10</b>
<b>CANDIDATE NAME/NUMBER:</b>			<b>No.:</b>
<b>TEST DATE/TIME</b>			
<b>EQUIPMENT REQUIRED:</b> [Add local requirements if needed]		<ul style="list-style-type: none"> <li>• Personal protective equipment</li> <li>• Self-contained breathing apparatus</li> <li>• Replacement air cylinder used by AHJ</li> </ul>	
<b>EVALUATOR INSTRUCTIONS</b>			
<b>CANDIDATE INSTRUCTIONS:</b>  <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>		Working as a member of a team, the student will demonstrate the proper steps	
<b>CRITERIA:</b>		<b>NOTE: Based on material from the Skill Drill Instructor Guides</b>  <b>[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]</b>	
<b>Critical?</b>		<b>Pass</b>	<b>Fail</b>
	Students partner turns off cylinder		
	Partner instructs wearer to bleed off pressure		
	Partner disconnects high pressure hose		
	Partner releases and removes cylinder		
	Partner checks valve opening and “O” ring		
	Partner verifies that replacement cylinder is greater than 90% pressure		
	Partner places replacement cylinder into SCBA and secures		
	Partner connects high pressure hose and opens cylinder fully		
	Partner Checks for leaks.		
	Verbalizes bottle gauge pressure and regulator gauge pressure are within 100 psi		
<b>EVALUATOR COMMENTS:</b>  [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
<b>EVALUATOR SIGNATURE:</b>			
<b>STUDENT SIGNATURE:</b>			

**FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II**  
**Instructor Curriculum Skill Evaluation Sheet**

<b>SKILL SHEET 10-7</b>		<b>Communication Techniques While Wearing SCBA</b>	
<b>OBJECTIVE:</b>		NFPA 1001, 4.2.1	<b>FEH Chapter: 10</b>
<b>CANDIDATE NAME/NUMBER:</b>			<b>No.:</b>
<b>TEST DATE/TIME</b>			
<b>EQUIPMENT REQUIRED:</b> [Add local requirements if needed]		<ul style="list-style-type: none"> <li>• PPE including SCBA</li> <li>• Portable Radio</li> </ul>	
<b>EVALUATOR INSTRUCTIONS</b>			
<b>CANDIDATE INSTRUCTIONS:</b>  <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>		Working as a member of a team, the student will demonstrate communicating via the radio while wearing an SCBA.	
<b>CRITERIA:</b>		<b>NOTE: Based on material from the Skill Drill Instructor Guides</b>  <b>[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]</b>	
<b>Critical?</b>		<b>Pass</b>	<b>Fail</b>
	When keying their radio, many firefighters place it next to their throat.		
	Place the radio in front of their facepiece near a mask vent.		
	Use an auxiliary communications device in their mask that amplifies their speech.		
	Never place the speaker microphone over the regulator.		
<b>EVALUATOR COMMENTS:</b>  [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
<b>EVALUATOR SIGNATURE:</b>			
<b>STUDENT SIGNATURE:</b>			

**FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II**  
**Instructor Curriculum Skill Evaluation Sheet**

<b>SKILL SHEET 10-8</b>	<b>Control Breathing</b>		
<b>OBJECTIVE:</b>	NFPA 1001, 4.3.1	<b>FEH Chapter: 10</b>	
<b>CANDIDATE NAME/NUMBER:</b>		<b>No.:</b>	
<b>TEST DATE/TIME</b>			
<b>EQUIPMENT REQUIRED:</b> [Add local requirements if needed]	<ul style="list-style-type: none"> <li>Personal protective equipment</li> <li>Self-contained breathing apparatus</li> </ul>		
<b>EVALUATOR INSTRUCTIONS</b>			
<b>CANDIDATE INSTRUCTIONS:</b>  <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>	Working as a member of a team, the Candidate will demonstrate controlled breathing techniques.		
<b>CRITERIA:</b>	<b>NOTE: Based on material from the Skill Drill Instructor Guides</b> <b>[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]</b>		
<b>Critical?</b>		<b>Pass</b>	<b>Fail</b>
	Demonstrates an accepted method of managing an SCBA air supply		
<b>EVALUATOR COMMENTS:</b>  [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
<b>EVALUATOR SIGNATURE:</b>			
<b>STUDENT SIGNATURE:</b>			

**FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II**  
**Instructor Curriculum Skill Evaluation Sheet**

<b>SKILL SHEET 10-9</b>		<b>Emergency Use of Regulator Bypass</b>	
<b>OBJECTIVE:</b>		NFPA 1001, 4.3.1	<b>FEH Chapter: 10</b>
<b>CANDIDATE NAME/NUMBER:</b>			<b>No.:</b>
<b>TEST DATE/TIME</b>			
<b>EQUIPMENT REQUIRED:</b> [Add local requirements if needed]		<ul style="list-style-type: none"> <li>PPE including SCBA</li> </ul>	
<b>EVALUATOR INSTRUCTIONS</b>			
<b>CANDIDATE INSTRUCTIONS:</b>  <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>		Student will demonstrate the emergency use of the regulator bypass.	
<b>CRITERIA:</b>		<b>NOTE: Based on material from the Skill Drill Instructor Guides</b> <b>[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]</b>	
<b>Critical?</b>		<b>Pass</b>	<b>Fail</b>
	Twist the bypass valve counterclockwise to supply air directly to your mask, bypassing the regulator.		
	Twist the bypass valve clockwise to turn off the bypassed air supply, either between breaths, or if your regulator returns to normal use.		
	Notify the officer and exit the IDLH atmosphere immediately. Make sure to properly document the incident and place the equipment out of service.		
<b>EVALUATOR COMMENTS:</b>  [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
<b>EVALUATOR SIGNATURE:</b>			
<b>STUDENT SIGNATURE:</b>			

**FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II**  
**Instructor Curriculum Skill Evaluation Sheet**

<b>SKILL SHEET 10-10</b>		<b>Crack or Leak in the Facepiece</b>	
<b>OBJECTIVE:</b>		NFPA 1001, 4.3.1	<b>FEH Chapter: 10</b>
<b>CANDIDATE NAME/NUMBER:</b>			<b>No.:</b>
<b>TEST DATE/TIME</b>			
<b>EQUIPMENT REQUIRED:</b> [Add local requirements if needed]		<ul style="list-style-type: none"> <li>PPE including SCBA</li> </ul>	
<b>EVALUATOR INSTRUCTIONS</b>			
<b>CANDIDATE INSTRUCTIONS:</b> <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>		Working as a member of a team, the student will demonstrate the procedure for dealing with a crack or leak in the face piece. .	
<b>CRITERIA:</b>		<b>NOTE: Based on material from the Skill Drill Instructor Guides</b> <b>[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]</b>	
<b>Critical?</b>		<b>Pass</b>	<b>Fail</b>
	In the event of a minor crack or leak in the facepiece, don't panic. Remain calm and leave your facepiece on. It will continue to provide protection to the lungs, eyes, nose, mouth, and skin.		
	Place your hand on the facepiece or regulator and press it against your face.		
	Notify command and leave the area immediately with another member.		
	Activate PASS alarm and call for a MAYDAY		
	Control the air flow using the bypass valve.		
<b>EVALUATOR COMMENTS:</b> [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
<b>EVALUATOR SIGNATURE:</b>			
<b>STUDENT SIGNATURE:</b>			

**FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II**  
**Instructor Curriculum Skill Evaluation Sheet**

<b>SKILL SHEET 10-11</b>		<b>No Air Maneuver</b>	
<b>OBJECTIVE:</b>		NFPA 1001, 4.3.1	<b>FEH Chapter: 10</b>
<b>CANDIDATE NAME/NUMBER:</b>			<b>No.:</b>
<b>TEST DATE/TIME</b>			
<b>EQUIPMENT REQUIRED:</b> [Add local requirements if needed]		<ul style="list-style-type: none"> <li>PPE including SCBA</li> </ul>	
<b>EVALUATOR INSTRUCTIONS</b>			
<b>CANDIDATE INSTRUCTIONS:</b> <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>		Working as a member of a team, the student will demonstrate the maneuver.	
<b>CRITERIA:</b>		<b>NOTE: Based on material from the Skill Drill Instructor Guides</b> <b>[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]</b>	
<b>Critical?</b>		<b>Pass</b>	<b>Fail</b>
	Do not panic.		
	Drop to the floor.		
	Announce Mayday via the radio.		
	Notify a command.		
	Activate the personal alert safety system (PASS) device.		
	Open purge or emergency bypass valve.		
	If step 6 fails to restore your air supply, position your facepiece near the floor. Avoid placing your facepiece on/at the floor to minimize exposure to "off gases" from burning carpeting.		
	Disconnect the regulator.		
	Cover opening with Nomex® hood.		
	Exit the building.		
<b>EVALUATOR COMMENTS:</b>  [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
<b>EVALUATOR SIGNATURE:</b>			
<b>STUDENT SIGNATURE:</b>			

**FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II**  
**Instructor Curriculum Skill Evaluation Sheet**

<b>SKILL SHEET 10-12</b>		<b>Using the Universal Rescue Connection</b>	
<b>OBJECTIVE:</b>		NFPA 1001, 4.3.1	<b>FEH Chapter: 10</b>
<b>CANDIDATE NAME/NUMBER:</b>			<b>No.:</b>
<b>TEST DATE/TIME</b>			
<b>EQUIPMENT REQUIRED:</b> [Add local requirements if needed]		<ul style="list-style-type: none"> <li>PPE including two SCBA</li> </ul>	
<b>EVALUATOR INSTRUCTIONS</b>			
<b>CANDIDATE INSTRUCTIONS:</b>		Student will demonstrate the proper use of the URC.	
<i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>			
<b>CRITERIA:</b>		<b>NOTE: Based on material from the Skill Drill Instructor Guides</b> <b>[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]</b>	
<b>Critical?</b>		<b>Pass</b>	<b>Fail</b>
	Turn the secondary air source on, opening the RAK (rescue air kit) cylinder valve fully.		
	Remove the rubber dust cap from the male inlet fitting on the URC found on the back of the SCBA of the firefighter needing air. Be sure that the firefighter's SCBA cylinder valve is fully opened.		
	Remove the rubber dust cap from the female fitting on the quick-fill hose.		
	Push the female fitting of the quick-fill hose onto the male fitting of the URC until it snaps into place.		
	Pull on the hose to be sure the fitting snapped into place. Filling begins when the female fitting is snapped onto the URC.		
	After approximately 45–60 seconds, pressure between the secondary air source and the SCBA of the firefighter needing air will equalize. Compare the SCBA pressure gauge of the firefighter receiving air to the secondary air source cylinder gauge. If the readings are the same, the pressure is equal.		
	Disconnect the quick-fill hose after the transfer is complete. Remove the firefighter who needed the emergency air outside the hazard area as quickly as possible.		
<b>EVALUATOR COMMENTS:</b>  [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
<b>EVALUATOR SIGNATURE:</b>			
<b>STUDENT SIGNATURE:</b>			



**FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II**  
**Instructor Curriculum Skill Evaluation Sheet**

<b>SKILL SHEET 10-13</b>		<b>SCBA—Daily Check</b>	
<b>OBJECTIVE:</b>		NFPA 1001, 4.5	<b>FEH Chapter: 10</b>
<b>CANDIDATE NAME/NUMBER:</b>			<b>No.:</b>
<b>TEST DATE/TIME</b>			
<b>EQUIPMENT REQUIRED:</b> [Add local requirements if needed]		<ul style="list-style-type: none"> <li>• Personal protective equipment</li> <li>• Self Contained Breathing Apparatus</li> </ul>	
<b>EVALUATOR INSTRUCTIONS</b>			
<b>CANDIDATE INSTRUCTIONS:</b>  <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>		The Candidate will perform the check of a self-contained breathing apparatus and assure its readiness for use.	
<b>CRITERIA:</b>		<b>NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]</b>	
<b>Critical?</b>		<b>Pass</b>	<b>Fail</b>
	Checks that cylinder is full (or at least 90%)		
	Checks operation of all gauges. Verifies that the difference between cylinder and regulator gauge does not exceed 100 psi		
	Announces the low-pressure alarm activates appropriately when pack is turned on.		
	Checks all hose connections		
	Checks condition of facepiece		
	Checks condition of harness and straps		
	Checks operation of donning switch and bypass valve while mask is on.		
	Checks that unit is clean and sanitized		
	Checks function of PASS device. (Lack of movement and Manual Activation)		
<b>EVALUATOR COMMENTS:</b>  [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
<b>EVALUATOR SIGNATURE:</b>			
<b>STUDENT SIGNATURE:</b>			

**FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II**  
**Instructor Curriculum Skill Evaluation Sheet**

<b>SKILL SHEET 10-14</b>		<b>Cleaning the SCBA</b>	
<b>OBJECTIVE:</b>		NFPA 1001, 4.5.1	<b>FEH Chapter: 10</b>
<b>CANDIDATE NAME/NUMBER:</b>			<b>No.:</b>
<b>TEST DATE/TIME</b>			
<b>EQUIPMENT REQUIRED:</b> [Add local requirements if needed]		<ul style="list-style-type: none"> <li>PPE including SCBA</li> </ul>	
<b>EVALUATOR INSTRUCTIONS</b>			
<b>CANDIDATE INSTRUCTIONS:</b>		Student will clean an SCBA.	
<i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>			
<b>CRITERIA:</b>		<b>NOTE: Based on material from the Skill Drill Instructor Guides</b> <b>[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]</b>	
<b>Critical?</b>		<b>Pass</b>	<b>Fail</b>
	Inspect the unit prior to cleaning.		
	Remove the facepiece from the regulator and place on the side.		
	Remove the cylinder from the SCBA harness.		
	Rinse all parts of the unit with clean water to remove any debris.		
	Use a soap and water solution and scrub the cylinder and harness with a bristle brush.		
	Rinse the harness and cylinder off and set aside to dry.		
	Place the facepiece in the solution and allow to soak.		
	Clean the regulator with the solution; if necessary, use a soft bristle brush. Avoid getting soap inside the regulator.		
	Rinse the facepiece and regulator with clean water and set aside to dry.		
	Reassemble and inspect the unit before placing back in service.		
<b>EVALUATOR COMMENTS:</b>  [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
<b>EVALUATOR SIGNATURE:</b>			
<b>STUDENT SIGNATURE:</b>			

**FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II**  
**Instructor Curriculum Skill Evaluation Sheet**

<b>SKILL SHEET 10-15</b>		<b>Refilling an SCBA Bottle with a Cascade System</b>	
<b>OBJECTIVE:</b>		NFPA 1001, 4.3.1	<b>FEH Chapter: 10</b>
<b>CANDIDATE NAME/NUMBER:</b>			<b>No.:</b>
<b>TEST DATE/TIME</b>			
<b>EQUIPMENT REQUIRED:</b> [Add local requirements if needed]		<ul style="list-style-type: none"> <li>PPE including SCBA</li> </ul>	
<b>EVALUATOR INSTRUCTIONS</b>			
<b>CANDIDATE INSTRUCTIONS:</b> <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>		Student will refill an SCBA with a cascade system.	
<b>CRITERIA:</b>		<b>NOTE: Based on material from the Skill Drill Instructor Guides</b> <b>[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]</b>	
<b>Critical?</b>		<b>Pass</b>	<b>Fail</b>
	When refilling with a cascade system, first check that the bottle is within its hydrostatic test date and the appropriate fill pressure. If it is damaged or not within its hydrostatic test date, take it out of service and have it tested by a qualified technician.		
	Place the cylinder inside the protective enclosure, attach the fill hose, and open the SCBA cylinder valve.		
	Check that the fill pressure gauge is set to the appropriate pressure.		
	Open the cascade cylinder valve and slowly fill the cylinder. About 300 to 500 psi per minute is appropriate. If you transfer the air too quickly, the air will heat the cylinder, expanding the gas. When the cylinder cools, the gas will contract, and you will have a cylinder that is not full.		
	When the cascade cylinder did not fully fill the SCBA bottle, you may have to open a second cascade cylinder.		
	When the cylinder pressure reaches the preset fill pressure, turn off the cascade fill cylinder and open the protective enclosure.		
	Check that the cylinder is full. Close the SCBA's valve and bleed the fill hoseline. Now, remove the bottle and place back into service.		
<b>EVALUATOR COMMENTS:</b>  [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
<b>EVALUATOR SIGNATURE:</b>			
<b>STUDENT SIGNATURE:</b>			

**FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II**  
**Instructor Curriculum Skill Evaluation Sheet**

<b>SKILL SHEET 17-1</b>		<b>Mounting and Dismounting an Apparatus</b>	
<b>OBJECTIVE:</b>		NFPA 1001, 4.3.2	<b>FEH Chapter: 17</b>
<b>CANDIDATE NAME/NUMBER:</b>			<b>No.:</b>
<b>TEST DATE/TIME</b>			
<b>EQUIPMENT REQUIRED:</b> [Add local requirements if needed]		<ul style="list-style-type: none"> <li>• PPE</li> <li>• Apparatus</li> </ul>	
<b>EVALUATOR INSTRUCTIONS</b>			
<b>CANDIDATE INSTRUCTIONS:</b>		Student will properly mount and dismount an apparatus.	
<i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>			
<b>CRITERIA:</b>		<b>NOTE: Based on material from the Skill Drill Instructor Guides</b> <b>[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]</b>	
<b>Critical?</b>		<b>Pass</b>	<b>Fail</b>
	Don full PPE prior to mounting the apparatus. Safely mount the apparatus and sit in the seat, place arms through the SCBA shoulder straps.		
	Fasten seat belt. Partially tighten the shoulder straps. When the apparatus stops, release seat belt and release the SCBA from the brackets. Carefully exit the apparatus using three points of contact.		
	Attach the waist belt and cinch down		
	Adjust shoulder straps until they are tight		
	Open the main cylinder valve, place mask onto regulator		
<b>EVALUATOR COMMENTS:</b>  [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
<b>EVALUATOR SIGNATURE:</b>			
<b>STUDENT SIGNATURE:</b>			

**FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II**  
**Instructor Curriculum Skill Evaluation Sheet**

<b>SKILL SHEET 17-1</b>		<b>Mounting and Dismounting an Apparatus</b>	
<b>OBJECTIVE:</b>		NFPA 1001, 4.3.2	<b>FEH Chapter: 17</b>
<b>CANDIDATE NAME/NUMBER:</b>			<b>No.:</b>
<b>TEST DATE/TIME</b>			
<b>EQUIPMENT REQUIRED:</b> [Add local requirements if needed]		<ul style="list-style-type: none"> <li>• PPE</li> <li>• Apparatus</li> </ul>	
<b>EVALUATOR INSTRUCTIONS</b>			
<b>CANDIDATE INSTRUCTIONS:</b>		Student will properly mount and dismount an apparatus.	
<i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>			
<b>CRITERIA:</b>		<b>NOTE: Based on material from the Skill Drill Instructor Guides</b> <b>[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]</b>	
<b>Critical?</b>		<b>Pass</b>	<b>Fail</b>
	While mounting and dismounting an apparatus, make sure to use available handrails and safety steps.		
	The firefighter should always have three points of contact while transferring in and out of the vehicle.		
<b>EVALUATOR COMMENTS:</b> [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
<b>EVALUATOR SIGNATURE:</b>			
<b>STUDENT SIGNATURE:</b>			