

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
Instructor Curriculum Skill Evaluation Sheet 9-1

SKILL SHEET 9-1	Don Personal Protective Clothing		
OBJECTIVE:	NFPA 1001, 4.1.2	FEH Chapter: 9	
CANDIDATE NAME/NUMBER:		No.:	
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]	<ul style="list-style-type: none"> • Personal protective equipment 		
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS: <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.		
CRITERIA:	NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]		
Critical?		Pass	Fail
	Properly don boots		
	Properly don pants		
	Properly don hood		
	Properly don coat		
	Properly don helmet		
	Properly don gloves		
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 9-3

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"> • PPE 		
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS: <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>	Student will demonstrate doffing their PPE		
CRITERIA:	NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]		
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:			

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
Instructor Curriculum Skill Evaluation Sheet 9-3

STUDENT SIGNATURE:	
--------------------	--

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
Instructor Curriculum Skill Evaluation Sheet 9-4

SKILL SHEET 9-4		Doffing Superheated Gear 1FF	
OBJECTIVE:		NFPA 1001, 4.1.2	FEH Chapter: 9
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> • PPE • SCBA 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS:		Student will demonstrate doffing superheated gear.	
<i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>			
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	
Critical?		Pass	Fail
	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 thumb-hole 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.		

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
Instructor Curriculum Skill Evaluation Sheet 9-4

<p>EVALUATOR COMMENTS:</p> <p>[ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]</p>			
<p>EVALUATOR SIGNATURE:</p>			
<p>STUDENT SIGNATURE:</p>			

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
Instructor Curriculum Skill Evaluation Sheet 9-5

SKILL SHEET 9-5	Doffing Superheated Gear 2 FF		
OBJECTIVE:	NFPA 1001, 4.1.2	FEH Chapter: 9	
CANDIDATE NAME/NUMBER:		No.:	
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]	<ul style="list-style-type: none"> • PPE • SCBA 		
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS: <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.		
CRITERIA:	NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]		
Critical?		Pass	Fail
	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.		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
Instructor Curriculum Skill Evaluation Sheet 9-5

EVALUATOR SIGNATURE:	
STUDENT SIGNATURE:	

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
Instructor Curriculum Skill Evaluation Sheet 9-6

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"> • PPE 		
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:	NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]		
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:			

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
Instructor Curriculum Skill Evaluation Sheet 9-6

STUDENT SIGNATURE:	
--------------------	--

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
Instructor Curriculum Skill Evaluation Sheet 10-1

SKILL SHEET 10-1		Activating SCBA Regulator	
OBJECTIVE:		NFPA 1001, 4.3.1	FEH Chapter: 10
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> PPE including SCBA 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS: <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>		Student will demonstrate activating the SCBA regulator.	
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	
Critical?		Pass	Fail
	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.		
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 10-2

SKILL SHEET 10-2		Donning SCBA: Over-the-Head Method	
OBJECTIVE:		NFPA 1001, 4.3.1	FEH Chapter: 10
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> PPE including SCBA 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS: <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.	
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	
Critical?		Pass	Fail
	Make sure that your turnout coat is fully closed, and place the unit so the cylinder valve is facing away from you and the straps are to the sides. Place your helmet, gloves, and facepiece to the side. (Make sure the straps on your facepiece are fully extended.)		
	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.		
	Kneel down in front of the unit and 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 straps for comfort.		
	Adjust your waist strap for comfort.		
	Pick up your facepiece and set your chin in the chin pocket of the mask.		

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
Instructor Curriculum Skill Evaluation Sheet 10-2

	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. 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.		
	If you are using a non-mask-mounted regulator, connect the breathing tube to the regulator, tighten the coupling firmly with your fingers, and open the mainline valve.		
	Don your gloves and report for duty.		
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 10-3

SKILL SHEET 10-3		Donning SCBA: Coat Method		
OBJECTIVE:		NFPA 1001, 4.3.1	FEH Chapter: 10	
CANDIDATE NAME/NUMBER:			No.:	
TEST DATE/TIME				
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> PPE including SCBA 		
EVALUATOR INSTRUCTIONS				
CANDIDATE INSTRUCTIONS: <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>		Student will properly don their SCBA using the coat method.		
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]		
Critical?			Pass	Fail
	Make sure that your turnout coat is fully closed, and place the unit so the cylinder valve is facing toward you and the straps are to the sides. place your helmet, gloves, and facepiece to the side. (Make sure the straps on your facepiece are fully extended.)			
	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 straps for comfort.			
	Adjust the waist strap for comfort.			
	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.			

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
Instructor Curriculum Skill Evaluation Sheet 10-3

	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. 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.		
	If you are using a non-mask-mounted regulator, connect the breathing tube to the regulator, tighten the coupling firmly with your fingers, and open the mainline valve.		
	Don your gloves and report for duty.		
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 10-4

SKILL SHEET 10-4		Doffing SCBA	
OBJECTIVE:		NFPA 1001, 4.3.1	FEH Chapter: 10
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> PPE including SCBA 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS: <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.	
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	
Critical?		Pass	Fail
	Grasp the regulator. Push the release button and pull the regulator off of 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.		

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
Instructor Curriculum Skill Evaluation Sheet 10-4

	Be sure to replace a less than full cylinder with a full one.		
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 10-5

SKILL SHEET 10-5		SCBA—Replacement of Cylinder (one person) For Reentry	
OBJECTIVE:		NFPA 1001, 4.3.1	FEH Chapter: 10
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> • Personal protective equipment • Self-contained breathing apparatus • Replacement air cylinder 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS: <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.	
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	
Critical?		Pass	Fail
	Wears full protective equipment properly		
	Doffs SCBA correctly		
	Closes cylinder and properly bleeds off pressure		
	Removes, positions, protects high pressure hose		
	Releases empty cylinder and removes from SCBA		
	Checks that replacement cylinder is full		
	Places replacement cylinder into SCBA and secures		
	Checks valve opening and "O" ring		
	Connects high pressure hose		
	Opens cylinder fully		
	Checks all gauges		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
Instructor Curriculum Skill Evaluation Sheet 10-5

EVALUATOR SIGNATURE:	
STUDENT SIGNATURE:	

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
Instructor Curriculum Skill Evaluation Sheet 10-6

SKILL SHEET 10-6		SCBA—Replacement of Cylinder (two person) For Reentry	
OBJECTIVE:		NFPA 1001, 4.3.1	FEH Chapter: 10
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> • Personal protective equipment • Self-contained breathing apparatus • Replacement air cylinder used by AHJ 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS: <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	
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	
Critical?		Pass	Fail
	Wears full protective equipment properly		
	Firefighter partner turns off cylinder		
	Firefighter partner instructs wearer to release pressure		
	Firefighter partner disconnects high pressure hose		
	Firefighter partner releases and removes cylinder		
	Firefighter partner verifies that replacement cylinder is full		
	Firefighter partner places replacement cylinder into SCBA and secures		
	Firefighter partner checks valve opening and "O" ring		
	Firefighter partner r connects high pressure hose		
	Firefighter partner opens cylinder fully		
	Firefighter partner checks all gauges		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
Instructor Curriculum Skill Evaluation Sheet 10-6

EVALUATOR SIGNATURE:	
STUDENT SIGNATURE:	

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
Instructor Curriculum Skill Evaluation Sheet 10-7

SKILL SHEET 10-7		Communication Techniques While Wearing SCBA	
OBJECTIVE:		NFPA 1001, 4.2.1	FEH Chapter: 10
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> • PPE including SCBA • Portable Radio 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS: <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.	
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	
Critical?		Pass	Fail
	When keying their radio, many firefighters place it next to their throat.		
	Many firefighters simply place the radio in front of their facepiece.		
	Many firefighters use an auxiliary communications device in their mask that amplifies their speech.		
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 10-8

SKILL SHEET 10-8		Control Breathing	
OBJECTIVE:	NFPA 1001, 4.3.1	FEH Chapter: 10	
CANDIDATE NAME/NUMBER:		No.:	
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]	<ul style="list-style-type: none"> • Personal protective equipment • Self-contained breathing apparatus 		
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS: <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.		
CRITERIA:	NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]		
Critical?		Pass	Fail
	Demonstrates an accepted method of managing an SCBA air supply		
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 10-9

SKILL SHEET 10-9		Emergency Use of Regulator Bypass	
OBJECTIVE:		NFPA 1001, 4.3.1	FEH Chapter: 10
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> PPE including SCBA 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS: <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.	
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	
Critical?		Pass	Fail
	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.		
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 10-10

SKILL SHEET 10-10		Crack or Leak In the Facepiece		
OBJECTIVE:		NFPA 1001, 4.3.1	FEH Chapter: 10	
CANDIDATE NAME/NUMBER:			No.:	
TEST DATE/TIME				
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> PPE including SCBA 		
EVALUATOR INSTRUCTIONS				
CANDIDATE INSTRUCTIONS: <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.		
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]		
Critical?			Pass	Fail
	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.			
	Conserve air.			
	Notify the officer and leave the area immediately with another member.			
	In the event of a major crack or leak, continue to cover the damaged area.			
	Press the manual shutoff after each breath. If air still seems to be leaking out, excess air is being lost even while a hand covers the crack or hole. Continue to engage the manual shutoff after each breath. This will limit the amount of air from the cylinder that will be lost due to the positive pressure of the system.			
	If manual shutoff will not release in inhalation, control the air flow using the bypass valve. If a gloved hand over the leak does not cover enough of the crack or hole, the inhalation may not be strong enough to activate the flow of air out of the regulator. Therefore continue to have the manual shutoff engaged and use the bypass valve to allow enough air to enter the facepiece. A partial opening of the bypass valve may be enough for a breath; then close the valve after each breath.			

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
Instructor Curriculum Skill Evaluation Sheet 10-10

	Notify the officer and leave the area immediately with another member.		
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 10-11

SKILL SHEET 10-11		No Air Maneuver	
OBJECTIVE:		NFPA 1001, 4.3.1	FEH Chapter: 10
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> PPE including SCBA 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS: <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.	
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	
Critical?		Pass	Fail
	Do not panic.		
	Drop to the floor.		
	Announce Mayday via the radio.		
	Notify an officer.		
	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 so as to minimize exposure to "off gases" from burning carpeting.		
	Disconnect the regulator.		
	Cover opening with Nomex® hood.		
	Exit the building.		

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
Instructor Curriculum Skill Evaluation Sheet 10-11

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 10-12

SKILL SHEET 10-12		Using the Universal Rescue Connection		
OBJECTIVE:		NFPA 1001, 4.3.1	FEH Chapter: 10	
CANDIDATE NAME/NUMBER:			No.:	
TEST DATE/TIME				
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> PPE including two SCBA 		
EVALUATOR INSTRUCTIONS				
CANDIDATE INSTRUCTIONS: <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>		Student will demonstrate the proper use of the URC.		
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]		
Critical?			Pass	Fail
	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.			

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
Instructor Curriculum Skill Evaluation Sheet 10-12

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 10-13

SKILL SHEET 10-13	SCBA—Daily Check		
OBJECTIVE:	NFPA 1001, 4.5	FEH Chapter: 10	
CANDIDATE NAME/NUMBER:		No.:	
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]	<ul style="list-style-type: none"> • Personal protective equipment • Self Contained Breathing Apparatus 		
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS: <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.		
CRITERIA:	NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]		
Critical?		Pass	Fail
	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		
	Tests operation of low pressure alarm (to activate at 25%of cylinder)		
	Checks all hose connections		
	Checks condition of facepiece		
	Checks condition of harness and straps		
	Checks operation of donning and bypass valves		
	Checks that unit is clean and sanitized		
	Tests PASS device		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
Instructor Curriculum Skill Evaluation Sheet 10-13

STUDENT SIGNATURE:	

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
Instructor Curriculum Skill Evaluation Sheet 10-3

SKILL SHEET 10-13		Donning SCBA: Apparatus Seat Mount Method	
OBJECTIVE:		NFPA 1001, 4.3.1	FEH Chapter: 10
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> • PPE including SCBA • Apparatus Seat Mount 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS:		Student will properly don their SCBA from the apparatus seat	
<i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>			
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	
Critical?			Pass Fail
	The student will 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.		
	Attach the waist belt and cinch down		
	Adjust shoulder straps until they are tight		
	Open the main cylinder valve, place mask onto regulator		
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 10-14

SKILL SHEET 10-14		Cleaning the SCBA		
OBJECTIVE:		NFPA 1001, 4.5.1	FEH Chapter: 10	
CANDIDATE NAME/NUMBER:			No.:	
TEST DATE/TIME				
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> PPE including SCBA 		
EVALUATOR INSTRUCTIONS				
CANDIDATE INSTRUCTIONS: <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>		Student will clean an SCBA.		
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]		
Critical?			Pass	Fail
	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. (If the manufacturer recommends a different solution, defer to the manufacturer's recommendation.)			
	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.			

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
Instructor Curriculum Skill Evaluation Sheet 10-14

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 10-15

SKILL SHEET 10-15	Refilling an SCBA Bottle with a Cascade System		
OBJECTIVE:	NFPA 1001, 4.3.1	FEH Chapter: 10	
CANDIDATE NAME/NUMBER:		No.:	
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]	<ul style="list-style-type: none"> PPE including SCBA 		
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS: <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.		
CRITERIA:	<p style="text-align: center;">NOTE: Based on material from the Skill Drill Instructor Guides</p> <p style="text-align: center;">[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]</p>		
Critical?		Pass	Fail
	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.		
	In the event that 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.		

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
Instructor Curriculum Skill Evaluation Sheet 10-15

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 17-1

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