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

СНАР	SKILL DRILL	SKILL#	STAND. EVOL. #
	LAB BLOCK		
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UNIT 9 & 10, LAB BLOCK (2HR)

CLASS NAME: PPE & SCBA

NUMBER OF INSTRUCTORS: 3

EQUIPMENT NEEDED	Full PPE and SCBA for studentstables							
FACILITY NEEDED	Areas large enough to assemble the students							
SKILL DRILL REFERENCE	9-6	10-5	10-13	10-14				
GENERAL INSTRUCTION	Assemble the class in the classroom. Be mindful of the students' lack of familiarity with PPE and SCBA. This may be their first exposure to firefighting equipment.						BA.	

UNIT 9 & 10 LAB BLOCK (2HR)

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



UNIT 9 & 10, BLOCK 1 (2 HR)

CLASS NAME: PPE & SCBA

NUMBER OF INSTRUCTORS: 4

EQUIPMENT NEEDED	 Full PPE and SCBA for students Salvage covers (4) Cascade unit

FACILITY NEEDED	Areas large enough to assemble the students with PPE & SCBA
	around four salvage covers.

SKILL DRILL REFERENCE	9-1	9-3	9-4	9-5	10-1	10-2	10-3	10-4	10-6
	10-15								

GENERAL INSTRUCTION	Assemble the class in the practice area. Divide the class into 4 groups with one instructor assigned to each group.
	Be mindful of the students' lack of familiarity with PPE and SCBA. This may be their first exposure to firefighting equipment.
	Maintenance skills are important in insuring proper SCBA function.

UNIT 9 & 10, BLOCK 1 (2 HR)

EVOLUTION	DESCRIPTION
Donning & Doffing PPE	Instructor shall demonstrate proper donning and doffing of PPE, Skill Drill 9-1 & 9-3. Instructors shall demonstrate how to don PPE from a bag, floor, and gear rack.
	Students don and doff PPE numerous times. Emphasize safety and by the end of the sessions 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).
Donning & Doffing SCBA	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.
	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).
Replacing Cylinder	Instructors shall demonstrate replacing an air cylinder (two person) Skill Drill 10-6 Each student shall remove and replace the cylinder on another firefighter.
Refilling Cylinder	Students shall demonstrate removal and replacement of a cylinder on another firefighter.
	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.
Doffing Superheated 1 &	Instructor shall demonstrate proper doffing for 1FF and 2FF of superheated PPE and SCBA Skill Drill 9-5 and 9-6.
2FF	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. Instructor shall demonstrate donning SCBA mask, helmet, hood, and gloves.
Donning for work	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).

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



UNIT 9 & 10, BLOCK 2 (4 HR)

CLASS NAME: PPE & SCBA

NUMBER OF INSTRUCTORS: 6

 Apparatus Seat Mount 50' of 1 ¾" hose 6 cones Two tires 4 sledge hammers Times Two power saws 4 step boxes Cascade filling station

FACILITY NEEDED	Areas large enough to assemble the students with PPE & SCBA
	around four salvage covers.

SKILL DRILL REFERENCE	10-7	10-8	10-9	10-10	10-11	10-12	10-16	17-1	
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GENERAL INSTRUCTION	Assemble the class in the practice area. Divide the class into 4 groups with one instructor assigned to each group.
	Be mindful of the students' lack of familiarity with PPE and SCBA. This may be their first exposure to firefighting equipment.
	Maintenance skills are important in insuring proper SCBA function.

UNIT 9 & 10, BLOCK 2 (4 HR)

EVOLUTION	DESCRIPTION
MOUNTING &	Instructors shall demonstrate mounting and dismounting an apparatus and donning an SCBA in the Seated position. Skill Drill 10-16 and 17-1
DISMOUNTING APPARATUS	Students shall demonstrate how to properly mount and dismount and apparatus.
DONNING SEAT MOUNT	Students shall demonstrate properly donning an SCBA in the seated position.
COMMUICATING & BREATHING CONTROL	Instructors shall demonstrate techniques for controlling breathing and communicating while wearing an SCBA Skill Drill 10-7 and 10-8 Students shall perform a work capacity evaluation. See 9SE-6S1
EMERGENCY PROCEDURES	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 Skill Drill 10-9, 10-10, 10-11, and 10-12
	Students will perform a 1,000 psi drill. See 10SE-6S1

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. This is not a **pass/fail** evaluation. The evaluation will be performed at the beginning of the course and at the end of the course to assess students' air management progress throughout the course.

Instructor:

The instructor will record the student's name, start air pressure, start time, end air pressure, and the end time, if the low pressure alarm activates that time (see sheet attached). The evaluation ends when either the group completes all stations or when one or more student's low pressure alarm activates.

Directive:

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

The instructor will state go and start 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 foot 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 hose 50' bundle.

Students will then walk to the next station (carry and drag hose). Set down the 50' hose bundle. Students kneel and grab 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 swing, 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, one in each hand, then walk 10' turn and walk back. Using proper lowering techniques students will place saws 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 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 back to the start position.

UNIT 9 & 10, BLOCK 2

10SE-6S2: 1,000 pound Evaluation

Skill Drills:

After the work capacity evaluation is complete students will remove their regulator and move to a designated location. The Instructor will open the purge valve of each student's regulator and bleed off air until the students air is at 1,000 psi. Once all students are at 1,000 psi then the students will attach their air regulator and sit down. The instructor will start 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.

UNIT 9 & 10, BLOCK 2

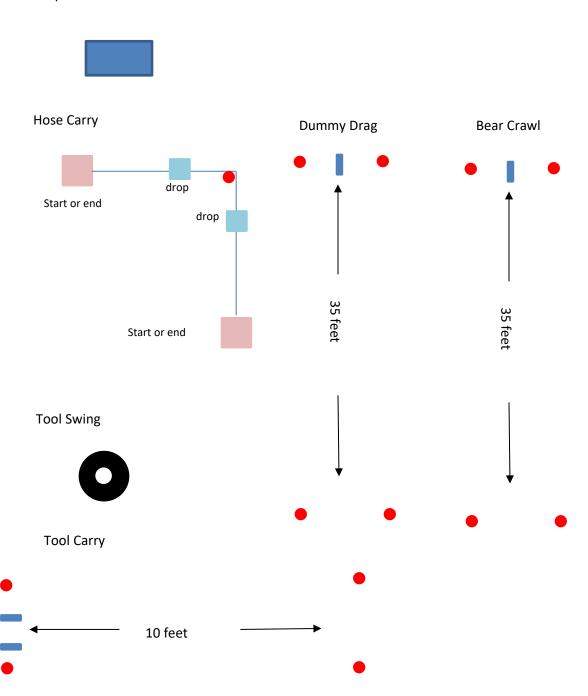
WORK CAPACITY EVALUATION FORM

Name	Cylin	der Size	PSI /	′ Minı	utes	Start Cylinder PSI	1000 PSI Time	End Time
	4500	5500	30	45	60		:	:
	4500	5500	30	45	60		:	:
	4500	5500	30	45	60		:	:
	4500	5500	30	45	60		:	:
	4500	5500	30	45	60		:	:
	4500	5500	30	45	60		:	:
	4500	5500	30	45	60		:	:
	4500	5500	30	45	60		:	:
	4500	5500	30	45	60		:	:
	4500	5500	30	45	60		:	:
	4500	5500	30	45	60		:	:
	4500	5500	30	45	60		:	:
	4500	5500	30	45	60		:	:
	4500	5500	30	45	60		:	:
	4500	5500	30	45	60		:	:
	4500	5500	30	45	60		:	:
	4500	5500	30	45	60		:	:
	4500	5500	30	45	60		:	:
	4500	5500	30	45	60		:	:
	4500	5500	30	45	60		:	:
	4500	5500	30	45	60		:	:
	4500	5500	30	45	60		:	:
	4500	5500	30	45	60		:	:
	4500	5500	30	45	60		:	:
	4500	5500	30	45	60		:	:
	4500	5500	30	45	60		:	:
	4500	5500	30	45	60		:	:
	4500	5500	30	45	60		:	:
	4500	5500	30	45	60		:	:
	4500	5500	30	45	60		:	:

UNIT 9 & 10, BLOCK 2

WORK CAPACITY EVALUATION LAYOUT

Step Box



SKILL SHEET 9-1		Don Personal Protective Clothing			
OBJECTIVE:		NFPA 1001, 4.1.2	FEH Ch	apter: 9	9
CANDIDATE NAME/	NUMBER:		No.:		
TEST DATE/TIME					
EQUIPMENT REQUI [Add local requirem needed]					
EVALUATOR INSTR	ISTRUCTIONS				
CANDIDATE INSTRI NOTE: The evaluate the following exactl written to the candi	r will read v as it is				
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guid	les		
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]			
Critical?				Pass	Fail
	Properly d	on boots			
	Properly d	on pants			
	Properly d	on hood			
	Properly d	on coat			
	Properly d	on helmet			
	Properly d	on gloves			
EVALUATOR COMMENTS:					
[ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]					
EVALUATOR SIGNA	ATURE:				
STUDENT SIGNATU	RE:				

SKILL SHEET S)-3	Doffing PPE			
OBJECTIVE:		NFPA 1001, 4.1.2	EH Chapte	er: 9	
CANDIDATE N	AME/NUMBER:	N	lo.:		
TEST DATE/TIM	И Е	Pa	age 170 –	- 171	
EQUIPMENT RI [Add local required needed]		• PPE			
EVALUATOR II	NSTRUCTIONS				
CANDIDATE IN	STRUCTIONS:	Student will demonstrate doffing their PPE			
NOTE: The eva the following e written to the c					
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guide	es		
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]			
Critical?			ļ	Pass	Fail
	The student re	moves his or her helmet			
	The student re	moves their gloves			
	The student do	offs their coat			
		osens their shoulder straps for comfort. They then remove the place in the appropriate pocket.	eir		
		moves their suspenders, opens their pants closure, and pulls to impletely around their boots, exposing the top of each boot.	their		
		ould place the suspenders on top of the boots to keep them of ocker, bag, or compartment.	ff the		
EVALUATOR C	OMMENTS:				
[ANY COMMEN CON REGARDI STUDENT ACC	NG WHAT THE				
EVALUATOR S	IGNATURE:				
	NATURF:				

SKILL SHEET 9)-4	Doffing Superheated Gear 1FF			
OBJECTIVE:		NFPA 1001, 4.1.2	FEH Chap	ter: 9	
CANDIDATE NA	AME/NUMBER:		No.:		
TEST DATE/TIM	ИE				
EQUIPMENT RI [Add local required	•	PPE SCBA			
EVALUATOR II	VALUATOR INSTRUCTIONS				
NOTE: The eva	CANDIDATE INSTRUCTIONS: NOTE: The evaluator will read the following exactly as it is written to the candidate Student will demonstrate doffing superheated gear.				
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor GI [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIA			
Critical?				Pass	Fail
	Keep your glo	ves on and remove your regulator from your facepiece.			
	Remove the he	elmet.			
	Loosen the sho	oulder straps to your SCBA all the way.			
	Open the colla	r tab and closure from the top down.			
	Once at the wa	uist, open the SCBA waist strap and open the top of the pa	ants		
		as wide as possible; roll the coat and SCBA out and off y them slide to the ground.	our		
	either a thumb before you pul	to help pull the coat off your arms. If you have wristlets whole or loop, you may have to remove your gloves with y l your arms out of the coat completely. Remember, if you ot touch any metal on your PPE; it will be hot enough to	our feet or gloves		
	help the pants	penders and let the pants fall to the ground. Wiggle your fall. If necessary, use your hands, but only on the inside of the boots to pull your feet out.			
EVALUATOR C [ANY COMMEN CON REGARDI STUDENT ACC	ITS PRO OR NG WHAT THE				
EVALUATOR S	IGNATURE:				
STUDENT SIGN	NATURE:				

SKILL SHEE	T 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]		PPESCBA		
EVALUATOR	RINSTRUCTIONS			
NOTE: The e	NDIDATE INSTRUCTIONS: Working as a member of a team, the student will demonstrate the procedure for doffing superheated gear when a second firefighter is available. TE: The evaluator will read to following exactly as it is different to the candidate			
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Gu	ıides	
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL	L]	
Critical?			Pass	Fail
	Keep your gloves	on and remove the firefighter's regulator from the facepie	ece.	
		on and remove the firefighter's regulator from the facepie er straps to the SCBA.	ece.	
	Loosen the should		cce.	
	Loosen the should Open the collar tab	er straps to the SCBA. and coat closures from the top down. strap, open the strap. Roll the SCBA off the firefighter's		
	Open the collar tab Once at your waist shoulders along wi	er straps to the SCBA. and coat closures from the top down. strap, open the strap. Roll the SCBA off the firefighter's		
	Open the collar tale Once at your waist shoulders along with Undo the waist strauspenders.	er straps to the SCBA. and coat closures from the top down. strap, open the strap. Roll the SCBA off the firefighter's th the coat.		
	Open the collar tab Once at your waist shoulders along with the waist strauspenders. Pull down the pant	er straps to the SCBA. o and coat closures from the top down. strap, open the strap. Roll the SCBA off the firefighter's th the coat. ap and open the top of the pants. Help the firefighter with		
EVALUATOR	Open the collar tab Once at your waist shoulders along with the waist strauspenders. Pull down the pant	er straps to the SCBA. o and coat closures from the top down. strap, open the strap. Roll the SCBA off the firefighter's th the coat. ap and open the top of the pants. Help the firefighter with as and assist the firefighter with the boots.		
[ANY COMM REGARDING	Loosen the should Open the collar tab Once at your waist shoulders along wi Undo the waist str suspenders. Pull down the pant Remove the helme R COMMENTS:	er straps to the SCBA. o and coat closures from the top down. strap, open the strap. Roll the SCBA off the firefighter's th the coat. ap and open the top of the pants. Help the firefighter with as and assist the firefighter with the boots.		
[ANY COMM REGARDING STUDENT A	Loosen the should Open the collar tab Once at your waist shoulders along with the waist stranspenders. Pull down the pant Remove the helme R COMMENTS: ENTS PRO OR CON WHAT THE	er straps to the SCBA. o and coat closures from the top down. strap, open the strap. Roll the SCBA off the firefighter's th the coat. ap and open the top of the pants. Help the firefighter with as and assist the firefighter with the boots.		

SKILL SHEET 9	9-6	PPE Inspection			
OBJECTIVE:		NFPA 1001, 4.1.2	FEH Chapt	er: 9	
CANDIDATE NA	AME/NUMBER:		No.:		
TEST DATE/TIM	ИЕ		Page 171 -	172	
EQUIPMENT RI [Add local required		• PPE			
EVALUATOR II	EVALUATOR INSTRUCTIONS				
CANDIDATE IN	ANDIDATE INSTRUCTIONS: Student will inspect their PPE.				
NOTE: The eva the following e written to the c					
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Gui	ides		
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]]		
Critical?				Pass	Fail
	Separate the o	uter shell from the inner liner so each component can be in	spected.		
		outer shell does not have any holes, cuts, separated seams tive striping. All snaps, Velcro, and fasteners must be in we			
	There should i	e moisture barrier is uniform in color. All seams should be into the any signs of abrasion (typically in joint and pressure the knees, shoulders, and elbows).			
	In the thermal becoming unw	liner, look for signs of staining, worn seams, and quilting voven.			
	repaired by the	nage is found, the PPE needs to be taken out of service and e manufacturer or certified repair facility or replaced. If you amage, report it to the station officer in charge of PPE.			
EVALUATOR C	OMMENTS:				
[ANY COMMEN CON REGARDI STUDENT ACC	NG WHAT THE				
EVALUATOR S	IGNATURE:				
STUDENT SIGN	NATURE:				

SKILL SHEET 1	0-1	Activating SCBA Regulator		
OBJECTIVE:		NFPA 1001, 4.3.1 FEI	EH Chapter: 10	
CANDIDATE NA	AME/NUMBER:	No.	o.:	
TEST DATE/TIM	ЛΕ			
EQUIPMENT RI [Add local requ needed]		PPE including SCBA		
EVALUATOR IN	ISTRUCTIONS			
CANDIDATE IN	STRUCTIONS:	Student will demonstrate activating the SCBA regulator.		
NOTE: The eva the following e written to the c	xactly as it is			
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides	es	
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]		
Critical?			Pass	Fail
Critical?	Push, click, or	twist your regulator into place on your mask.	Pass	Fail
Critical?	Push, click, or Breathe in.	twist your regulator into place on your mask.	Pass	Fail
Critical?	Breathe in.	twist your regulator into place on your mask. or malfunctions outside of an IDLH atmosphere, remove the		Fail
Critical?	Breathe in. If your regulative regulator.			Fail
Critical?	Breathe in. If your regulator regulator. If the regulator receive air.	or malfunctions outside of an IDLH atmosphere, remove the		Fail
EVALUATOR C	Breathe in. If your regulator regulator. If the regulator receive air. COMMENTS: TS PRO OR NG WHAT THE	or malfunctions outside of an IDLH atmosphere, remove the		Fail
EVALUATOR C [ANY COMMENTO CON REGARDIO	Breathe in. If your regulator regulator. If the regulator receive air. COMMENTS: TS PRO OR NG WHAT THE OMPLISHED]	or malfunctions outside of an IDLH atmosphere, remove the		Fail

SKILL SHEET 1	0-2	Donning SCBA: Over-the-Head Method			
OBJECTIVE:		NFPA 1001, 4.3.1	FEH Chap	ter: 10	
CANDIDATE NA	AME/NUMBER:		No.:		
TEST DATE/TIN	ΛE				
EQUIPMENT RI [Add local requ needed]	•	PPE including SCBA			
EVALUATOR IN	ALUATOR INSTRUCTIONS				
CANDIDATE IN	STRUCTIONS:	Student will don the SCBA using the over-the-head method.			
NOTE: The eva the following ex written to the c	xactly as it is				
CRITERIA:	ITERIA: NOTE: Based on material from the Skill Drill Instructor Guides				
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIA	L]		
Critical?				Pass	Fail
		place the unit so the cylinder valve is facing away from your sides. (Make sure the straps on your facepiece are fully e			
	Pull your hood	back and kneel in front of the unit			
	pressure incre indicating that	our cylinder is full. Fully open the main cylinder valve cases, both visible and audible alarms activate autor the alarms are functional. When the system is fully pressure normal use mode.	matically,		
	Grasp the back	explate with both hands and lift the unit over your head.			
		is over your head, tuck your arms in close to your body a down your back, while making sure that your arms slides.			
	Adjust your sh	oulder and waist straps for comfort.			
	Pick up your fa	acepiece and set your chin in the chin pocket of the mask.			
	Fit the facepie	ce to your face and bring the straps or webbing over your	head.		
		ps in the following order: chin straps, temple straps, then have sure to pull the straps straight back, not outward.	nead strap		
	holding the pa	oper seal. This is done by restricting the flow of air to the alm of your hand over the inlet adaptor and inhaling. It ast 10 seconds. The facepiece should collapse and stay co	Hold your		
	If you are usin easily fits into	g a mask-mounted regulator, grasp the regulator and orienthe facepiece.	ent it so it		
		lator into the facepiece adapter by pushing it inward. Push ator into place. Inhale to initiate the air flow.	, click, or		

	Pull the hood of strap	over the straps and webbing and place helmet on head and secure	
	Don your glov	es and report for duty.	
EVALUATOR C [ANY COMMEN CON REGARDII STUDENT ACC	TS PRO OR NG WHAT THE		
EVALUATOR S	IGNATURE:		
STUDENT SIGN	IATURE:		

SKILL SHEET 1	10-3	Donning SCBA: Coat Method			
OBJECTIVE:		NFPA 1001, 4.3.1	FEH Chapte	er: 10	
CANDIDATE NA	AME/NUMBER:		No.:		
TEST DATE/TIN	ΛE				
EQUIPMENT RI [Add local required needed]		PPE including SCBA			
EVALUATOR IN	ALUATOR INSTRUCTIONS				
CANDIDATE IN	STRUCTIONS:	Student will properly don their SCBA using the coat method.			
the following e	NOTE: The evaluator will read the following exactly as it is written to the candidate				
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor G	Guides		
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIA	AL]		
Critical?				Pass	Fail
	Don PPE and j straps are to th	place the unit, so the cylinder valve is facing toward you e sides.	and the		
	Pull your hood	back.			
	pressure incre indicating that	ur cylinder is full. Fully open the main cylinder valuases, both visible and audible alarms activate auto the alarms are functional. When the system is fully presse normal use mode.	omatically,		
		shoulder strap. Lift the unit and swing it over your shoul arm through the right shoulder strap.	der, then		
	Adjust the sho	ulder and waist straps for comfort.			
	Pick up your f	acepiece and set your chin in the chin pocket of the masl	ζ.		
	Fit the facepie	ce to your face and bring the straps or webbing over you	r head.		
		ps in the following order: chin straps, temple straps, then Make sure to pull the straps straight back, not outward.	head strap		
	holding the pa	oper seal. This is done by restricting the flow of air to the lam of your hand over the inlet adaptor and inhaling. ast 10 seconds. The facepiece should collapse and stay of	Hold your		
	If you are usin easily fits into	g a mask-mounted regulator, grasp the regulator and or the facepiece.	ient it so it		
		ator into the facepiece adapter by pushing it inward. Pusator into place. Inhale to initiate the air flow.	h, click, or		
	Pull the hood of	over the straps and webbing			

	Place the helmet on your head and secure the chin strap.		
	Don your glov	es and report for duty.	
[ANY COMMEN CON REGARDI STUDENT ACC	ITS PRO OR NG WHAT THE		
EVALUATOR S	IGNATURE:		
STUDENT SIGN	NATURE:		

SKILL SHEET 1	0-4	Doffing SCBA				
OBJECTIVE:		NFPA 1001, 4.3.1 FEH Chapt		FEH Chapt	er: 10	
CANDIDATE NA	AME/NUMBER:			No.:		
TEST DATE/TIN	ΛE					
EQUIPMENT REQUIRED: [Add local requirements if needed]		PPE including SCBA				
EVALUATOR IN	ISTRUCTIONS					
CANDIDATE IN	STRUCTIONS:	Student will properly doff and store the	ir SCBA.			
NOTE: The evaluator will read the following exactly as it is written to the candidate						
CRITERIA:		NOTE: Based on material from the S	skill Drill Instructor G	uides		
		ADDITIONAL LINES FOR AHJ TO A	DD OTHER MATERIA	AL]		
Critical?					Pass	Fail
	Grasp the regu facepiece adap	tor. Push the release button and pure.	ll the regulator off t	he		
	Stow the regul	or into its holder.				
	Close the cylin	er valve fully.				
	Open the bypa	to release system pressure. Close t	he bypass.			
	Turn off the in	grated PASS device.				
	Fully loosen the your head.	head harness straps and pull the fa	cepiece up and awa	y from		
	Release the wa	t strap.				
	Loosen the sho	der straps by grabbing the release	loop. Pull them out	and away		
	Slip your right	rm out of the shoulder strap first, the	nen remove the harm	ess.		
	Be sure to repl	e a less than full cylinder with a fu	ll one.			
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]						
EVALUATOR S	IGNATURE:					
STUDENT SIGN	IATURE:					

SKILL SHEET 10-5		SCBA—Replacement of Cylinder (one person) For Reentry				
OBJECTIVE:		NFPA 1001, 4.3.1	FEH Chapter: 10			
CANDIDATE NAME/N	UMBER:		No.:			
TEST DATE/TIME						
EQUIPMENT REQUIRED: [Add local requirements if needed]		Personal protective equipmentSelf-contained breathing apparatusReplacement air cylinder				
EVALUATOR INSTRUCTIONS						
CANDIDATE INSTRUC	CTIONS:	The student will demonstrate the appropriate ste	ps to repla	ace an	air	
NOTE: The evaluator will read the following exactly as it is written to the candidate		cylinder on an SCBA.	cylinder on an SCBA.			
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor	Guides			
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATER	(IAL)			
Critical?				Pass	Fail	
	Closes cyl	inder and properly bleeds off pressure				
	Doffs SCB	A unit and places it on the ground.				
	Removes,	positions, protects high pressure hose				
	Releases e	empty cylinder and removes from SCBA				
_	Checks va	lve opening and "O" ring				
	Checks tha	at replacement cylinder is greater than 90% press	ure.			
	Places rep	lacement cylinder into SCBA and secures				
	Connects l leaks	nigh pressure hose, opens cylinder fully and Chec	ks for			
	Verbalizes within 100	bottle gauge pressure and regulator gauge press psi	ure are			
EVALUATOR COMME	NTS:					
[ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]						
EVALUATOR SIGNAT	URE:					
STUDENT SIGNATUR	 E:					

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 REQUI [Add local requirem needed]		 Personal protective equipment Self-contained breathing apparatus Replacement air cylinder used by AHJ 			
EVALUATOR INSTR	RUCTIONS				
CANDIDATE INSTRUCTIONS: NOTE: The evaluator will read the following exactly as it is written to the candidate		Working as a member of a team, the student will or proper steps	demonstra	ate the	
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor G	uides		
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIA	AL]		
Critical?				Pass	Fail
	Students pa	artner turns off cylinder			
	Partner inst	ructs wearer to bleed off pressure			
	Partner disc	connects high pressure hose			
	Partner rele	ases and removes cylinder			
	Partner che	cks valve opening and "O" ring			
	Partner veri	fies that replacement cylinder is greater than 90% p	ressure		
	Partner place	ces replacement cylinder into SCBA and secures			
	Partner con	nects high pressure hose and opens cylinder fully			
	Partner Che	ecks for leaks.			
	Verbalizes t within 100 p	pottle gauge pressure and regulator gauge pressure	e are		
EVALUATOR COMM	IENTS:				
[ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]					
EVALUATOR SIGNA	ATURE:				
STUDENT SIGNATU	IRE:				

SKILL SHEET 10-7		Communication Techniques While Wearing SCBA				
OBJECTIVE:		NFPA 1001, 4.2.1 FEH Cha		H Chapter: 10		
CANDIDATE NA	AME/NUMBER:		No.:			
TEST DATE/TIM	ИΕ					
EQUIPMENT RI [Add local requ needed]		PPE including SCBAPortable Radio				
EVALUATOR IN	NSTRUCTIONS					
CANDIDATE IN	STRUCTIONS:	Working as a member of a team, the student will demonstrated radio while wearing an SCBA.	te communica	ating via t	the	
NOTE: The evaluator will read the following exactly as it is written to the candidate						
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides				
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]				
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIA	AL]			
Critical?		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIA	AL]	Pass	Fail	
Critical?	When keying t	[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL PROPERTY OF THE PROPERTY OF T		Pass	Fail	
Critical?				Pass	Fail	
Critical?	Place the radio	heir radio, many firefighters place it next to their throat.		Pass	Fail	
Critical? EVALUATOR C	Place the radio Use an auxiliar speech.	heir radio, many firefighters place it next to their throat. o in front of their facepiece.		Pass	Fail	
EVALUATOR C	Place the radio Use an auxiliar speech. COMMENTS: ITS PRO OR NG WHAT THE	heir radio, many firefighters place it next to their throat. o in front of their facepiece.		Pass	Fail	
EVALUATOR C [ANY COMMENTO CON REGARDIO	Place the radio Use an auxiliar speech. COMMENTS: ITS PRO OR NG WHAT THE COMPLISHED]	heir radio, many firefighters place it next to their throat. o in front of their facepiece.		Pass	Fail	

SKILL SHEET 10-8		Control Breathing				
OBJECTIVE:		NFPA 1001, 4.3.1 FEH Chapte		ter: 10		
CANDIDATE NAME	NUMBER:		No.:			
TEST DATE/TIME						
EQUIPMENT REQUIRED: [Add local requirements if needed]		 Personal protective equipment Self-contained breathing apparatus 				
EVALUATOR INSTR	CUCTIONS					
CANDIDATE INSTRUCTIONS: NOTE: The evaluator will read the following exactly as it is written to the candidate		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	
	Demonstrat	es an accepted method of managing an SCBA air s	supply			
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]						
EVALUATOR SIGNA	ATURE:					
STUDENT SIGNATU	IRE:					

SKILL SHEET 10-9		Emergency Use of Regulator Bypass				
OBJECTIVE:		NFPA 1001, 4.3.1	FEH Chapter: 10			
CANDIDATE N	AME/NUMBER:		No.:			
TEST DATE/TIM	ИΕ					
EQUIPMENT R [Add local requ needed]	•	PPE including SCBA				
EVALUATOR II	NSTRUCTIONS					
CANDIDATE IN	STRUCTIONS:	Student will demonstrate the emergency use of the regulator	bypass.			
NOTE: The evaluator will read the following exactly as it is written to the candidate						
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides				
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]				
Critical?				Pass	Fail	
	Twist the bypa bypassing the	ass valve counterclockwise to supply air directly to your regulator.	nask,			
		ass valve clockwise to turn off the bypassed air supply, eins, or if your regulator returns to normal use.	ther			
		cer and exit the IDLH atmosphere immediately. Make su ment the incident and place the equipment out of service.				
EVALUATOR C	OMMENTS:					
[ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]						
EVALUATOR S	IGNATURE:					
STUDENT SIGN	NATURE:					

SKILL SHEET 1	10-10	Crack or Leak in the Facepiece		
OBJECTIVE:		NFPA 1001, 4.3.1 FEH 0	FEH Chapter: 10	
CANDIDATE NA	AME/NUMBER:	No.:		
TEST DATE/TIM	ИΕ			
EQUIPMENT R [Add local requ needed]	•	PPE including SCBA	E including SCBA	
EVALUATOR II	NSTRUCTIONS			
CANDIDATE IN NOTE: The eva the following e written to the c	luator will read xactly as it is	Working as a member of a team, the student will demonstrate the procedure for deal 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
_		Ta minor crack or leak in the facepiece, don't panic. Remain car facepiece on. It will continue to provide protection to the lunguath, and skin.		
	Place your han	d on the facepiece or regulator and press it against your face.		
	Notify comma	nd and leave the area immediately with another member.		
	Activate PASS	S alarm and call for a MAYDAY		
	Control the air	flow using the bypass valve.		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]				
EVALUATOR S	IGNATURE:			
	<u> </u>			

SKILL SHEET 1	10-11	No Air Maneuver			
OBJECTIVE:		NFPA 1001, 4.3.1	FEH Chapte	er: 10	
CANDIDATE NA	AME/NUMBER:		No.:		
TEST DATE/TIM	ИE				
EQUIPMENT REQUIRED: [Add local requirements if needed]		PPE including SCBA			
EVALUATOR II	NSTRUCTIONS				
CANDIDATE INSTRUCTIONS: NOTE: The evaluator will read the following exactly as it is written to the candidate		Working as a member of a team, the student will demonstrate	the maneuv	ver.	
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor G	uides		
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIA	L]		
Critical?				Pass	Fail
	Do not panic.				
	Drop to the flo	or.			
	Announce Ma	yday via the radio.			
	Notify an com	mand.			
	Activate the pe	ersonal alert safety system (PASS) device.			
	Open purge or	emergency bypass valve.			
		o restore your air supply, position your facepiece near the your facepiece on/at the floor to minimize exposure to "carpeting.			
	Disconnect the	regulator.			
	Cover opening	with Nomex® hood.			
	Exit the buildi	ng.			
EVALUATOR C	OMMENTS:				
[ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]					
EVALUATOR S	IGNATURE:				
STUDENT SIGN	NATURE:				

SKILL SHEET 1	10-12	Using the Universal Rescue Connection	the Universal Rescue Connection			
OBJECTIVE:		NFPA 1001, 4.3.1 FEH Chapt		er: 10		
CANDIDATE NA	AME/NUMBER:		No.:			
TEST DATE/TIM	ИΕ					
EQUIPMENT REQUIRED: [Add local requirements if needed]		PPE including two SCBA				
EVALUATOR II	NSTRUCTIONS					
CANDIDATE IN	STRUCTIONS:	Student will demonstrate the proper use of the URC.				
NOTE: The evaluator will read the following exactly as it is written to the candidate						
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor C	Guides			
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIA	AL]			
Critical?				Pass	Fail	
	Turn the secon valve fully.	dary air source on, opening the RAK (rescue air kit) cyl	inder			
	back of the SC	bber dust cap from the male inlet fitting on the URC for BA of the firefighter needing air. Be sure that the firefigr valve is fully opened.				
	Remove the ru	bber dust cap from the female fitting on the quick-fill ho	ose.			
	Push the femal until it snaps in	e fitting of the quick-fill hose onto the male fitting of the nto place.	e URC			
		te to be sure the fitting snapped into place. Filling begins as snapped onto the URC.	s when the			
	and the SCBA pressure gauge	nately 45–60 seconds, pressure between the secondary a of the firefighter needing air will equalize. Compare the of the firefighter receiving air to the secondary air sour a. If the readings are the same, the pressure is equal.	e SCBA			
		e quick-fill hose after the transfer is complete. Remove to needed the emergency air outside the hazard area as qu				
EVALUATOR C	OMMENTS:					
[ANY COMMEN CON REGARDI STUDENT ACC	NG WHAT THE					
EVALUATOR S	IGNATURE:					
STUDENT SIGN	NATURE:					

SKILL SHEET 10-13		SCBA—Daily Check				
OBJECTIVE:		NFPA 1001, 4.5	FEH Chapter: 10			
CANDIDATE NAME/N	IUMBER:		No.:			
TEST DATE/TIME						
EQUIPMENT REQUIRED: [Add local requirements if needed]		Personal protective equipmentSelf Contained Breathing Apparatus				
EVALUATOR INSTRU	JCTIONS					
CANDIDATE INSTRUCTIONS: NOTE: The evaluator will read the following exactly as it is written to the candidate		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 ([ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIA				
Critical?				Pass	Fail	
	Checks tha	t cylinder is full (or at least 90%)				
		eration of all gauges. Verifies that the difference betwee d regulator gauge does not exceed 100 psi	n			
	Announces turned on.	the low-pressure alarm activates appropriately when pa	nck is			
	Checks all	hose connections				
	Checks cor	ndition of facepiece				
	Checks cor	ndition of harness and straps				
	Checks ope	eration of donning switch and bypass valve while mask	is on.			
	Checks tha	t unit is clean and sanitized				
	Checks fur Activation	action of PASS device. (Lack of movement and Manual				
EVALUATOR COMME	ENTS:			•		
[ANY COMMENTS PR REGARDING WHAT I STUDENT ACCOMPL	THE					
EVALUATOR SIGNA	TURE:					
STUDENT SIGNATUR	RE:					

SKILL SHEET 1	10-14	Cleaning the SCBA		
OBJECTIVE:		NFPA 1001, 4.5.1 FEH	Chapter: 10	
CANDIDATE NA	AME/NUMBER:	No.:		
TEST DATE/TIM	ИE			
EQUIPMENT REQUIRED: [Add local requirements if needed]		PPE including SCBA		
EVALUATOR IN	NSTRUCTIONS			
CANDIDATE IN	STRUCTIONS:	Student will clean an SCBA.		
NOTE: The evaluator will read the following exactly as it is written to the candidate				
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]		
Critical?			Pass	Fail
	Inspect the uni	t prior to cleaning.		
	Remove the fa	cepiece from the regulator and place on the side.		
	Remove the cy	rlinder from the SCBA harness.		
	Rinse all parts	of the unit with clean water to remove any debris.		
	Use a soap and brush.	l water solution and scrub the cylinder and harness with a brist	tle	
	Rinse the harn	ess and cylinder off and set aside to dry.		
	Place the facer	piece in the solution and allow to soak.		
		lator with the solution; if necessary, use a soft bristle brush. A side the regulator.	void	
	Rinse the face	piece and regulator with clean water and set aside to dry.		
	Reassemble an	d inspect the unit before placing back in service.		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]				
EVALUATOR S	IGNATURE:			
STUDENT SIGN	NATURE:			

SKILL SHEET 10-15		Refilling an SCBA Bottle with a Cascade System				
OBJECTIVE:		NFPA 1001, 4.3.1 FEH Chap		ter: 10		
CANDIDATE N	AME/NUMBER:		No.:			
TEST DATE/TI	ME					
EQUIPMENT REQUIRED: [Add local requirements if needed]		PPE including SCBA				
EVALUATOR II	NSTRUCTIONS					
CANDIDATE INSTRUCTIONS: NOTE: The evaluator will read the following exactly as it is written to the candidate		Student will refill an SCBA with a cascade system.				
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor GI [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIA				
Critical?				Pass	Fail	
	hydrostatic test of	with a cascade system, first check that the bottle is within late and the appropriate fill pressure. If it is damaged or next date, take it out of service and have it tested by a quality	not within			
	Place the cylinder SCBA cylinder	er inside the protective enclosure, attach the fill hose, and valve.	l open the			
	Check that the fi	ll pressure gauge is set to the appropriate pressure.				
	per minute is apport	e cylinder valve and slowly fill the cylinder. About 300 to propriate. If you transfer the air too quickly, the air will h ling the gas. When the cylinder cools, the gas will contract cylinder that is not full.	eat the			
	When the cascadopen a second ca	de cylinder did not fully fill the SCBA bottle, you may ha ascade cylinder.	ve to			
		er pressure reaches the preset fill pressure, turn off the ca en the protective enclosure.	scade fill			
		ylinder is full. Close the SCBA's valve and bleed the fill e bottle and place back into service.	hoseline.			
[ANY COMMEN CON REGARDI STUDENT ACC	ITS PRO OR ING WHAT THE					
EVALUATOR S	GIGNATURE:					
STUDENT SIGN	NATURE:					

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]		PPEApparatus				
EVALUATOR INSTRUCTIONS						
CANDIDATE INSTRUCTIONS:		Student will properly mount and dismount an apparatus.				
NOTE: The evaluator will read the following exactly as it is written to the candidate						
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides				
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]				
Critical?				Pass	Fail	
		prior to mounting the apparatus. Safely mount the appar place arms through the SCBA shoulder straps.	atus and			
	release seat be	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 wai	st belt and cinch down				
Adjust shoulde		er straps until they are tight				
	Open the main	en the main cylinder valve, place mask onto regulator				
EVALUATOR COMMENTS:						
[ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]						
EVALUATOR SIGNATURE:						
STUDENT SIGNATURE:						

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]		PPEApparatus				
EVALUATOR INSTRUCTIONS						
CANDIDATE INSTRUCTIONS:		Student will properly mount and dismount an apparatus.				
NOTE: The evaluator will read the following exactly as it is written to the candidate						
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guid	es			
Oran Eray a						
Granziran		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]				
Critical?		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	Pass	Fail		
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL] g and dismounting an apparatus, make sure to use ails and safety steps.	Pass	Fail		
	available handra The firefighter s	g and dismounting an apparatus, make sure to use	Pass	Fail		
	available handra The firefighter s transferring in a	g and dismounting an apparatus, make sure to use ails and safety steps.	Pass	Fail		
Critical?	available handra The firefighter s transferring in a DMMENTS: S PRO OR CON HAT THE	g and dismounting an apparatus, make sure to use ails and safety steps.	Pass	Fail		
EVALUATOR CO [ANY COMMENT REGARDING WH	available handra The firefighter s transferring in a DMMENTS: S PRO OR CON HAT THE DMPLISHED]	g and dismounting an apparatus, make sure to use ails and safety steps.	Pass	Fail		