

NHFA FIREFIGHTER I COURSE GUIDE

CHAPTER 21: SALVAGE AND OVERHAUL

CHAP	SKILL DRILL	SKILL #	STAND. EVOL. #
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17	Locating Lighting for Best Effect	17-6	
21	Cluster Furniture	21-1	
21	Two-Firefighter Salvage Cover Fold	21-2	
21	Two-Firefighter Deploying a Salvage Cover Fold	21-3	
21	One-Firefighter Salvage Cover Fold Deploy	21-4	
21	Two-Firefighter Salvage Cover Roll	21-5	
21	Two-Firefighter Salvage Cover Roll Deploy	21-6	
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21	Cover Building Openings, Including Doors, Windows, Floor Openings, and Roof Openings	21-16	
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21	Punch Technique for Walls	21-17	
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21	Breaching a Floor	21-19	
21	Recognize and preserve area of origin and arson		21SE-1



**NH FIRE ACADEMY FIREFIGHTER I
UNIT 21, BLOCK 1 (4HR)**

CLASS NAME: SALVAGE AND OVERHAUL

NUMBER OF INSTRUCTORS: 4

EQUIPMENT NEEDED	<ul style="list-style-type: none"> • Salvage covers (4) • Sprinkler prop • Wedges, stop (2) • Generator, lights (2) • Electric cord (50') • 1 ¾" hose w/ nozzle (50 ft) • Step ladder or 14' wall or roof ladder (2) • 10 ' pike poles (4) • Wall and ceiling props with sufficient sheet rock • Sprinkler valve prop • Pallets or material to build a pile for the salvage toss • Air supply for students
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FACILITY NEEDED	A building or exterior area that is large enough to permit the folding of multiple salvage covers simultaneously, with sufficient height to accommodate the ladders for the chute exercise and is impervious to water damage. A water supply that is capable of supplying the sprinkler prop and while providing water for the water chute evolution. Accessibility to an OS&Y valve and PIV.
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SKILL DRILL REFERENCE	17-5	17-6	21-1	21-2	21-3	21-4	21-5	21-6	21-7
	21-8	21-9	21-10	21-11	21-12	21-13	21-14	21-15	21-16
	21-17	21-18	21-19						

GENERAL INSTRUCTIONS	<p>Instructors shall divide the students into four groups of not more than six students. The students must complete all evolutions listed below.</p> <p>The students should be in the appropriate PPE/ SCBA as required for each evolution.</p>
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**NH FIRE ACADEMY FIREFIGHTER I
UNIT 21, BLOCK 1 (4HR)**

EVOLUTION	DESCRIPTION
Scene lighting	<p>The Instructor shall demonstrate how to set up lighting utilizing a portable generator and lighting equipment and deploy lighting on a fire scene.</p> <p>Students shall demonstrate how to set up lighting utilizing a portable generator and lighting equipment and deploy the lighting on a fire scene. Skill drill 17-5 and 17-6</p>
Salvage cover folds and deployment	<p>Working with students the instructor shall demonstrate clustering furniture to the center of the room. Skill Drill 21-1</p> <p>The Instructor shall demonstrate a single firefighter fold and deploy; 2 firefighter fold and deploy; 2 firefighter roll and deploy; a single firefighter roll and deploy and a 2 firefighter balloon throw.</p> <p>Students shall demonstrate single firefighter fold and deploy; 2 firefighter fold and deploy; 2 firefighter roll and deploy; a single firefighter roll and deploy and a 2 firefighter balloon throw. Skill Drill 21-2, 21-3, 21-4, 21-5, 21-6, 21-7, and 21-8</p>
Water chutes and catchall	<p>The Instructor shall demonstrate constructing a water chute and catchall to collect and divert water.</p> <p>Students shall demonstrate how to construct a water chute and catchall to divert the water to an area designated by the Instructor. Skill Drill 21-9, 21-10, and 21-11</p> <p>Working with the Students the instructor shall demonstrate inspecting salvage covers for wear and tear, rips, tears and holes. Skill Drills 21-12.</p>
Water removal and stoppage	<p>The Instructor shall demonstrate how to plug an operating sprinkler head using both a pair of wedges and a pair of sprinkler tongs.</p> <p>Students shall demonstrate plugging a sprinkler head using both a pair of wedges and a pair of sprinkler tongs. Students shall wear full PPE/SCBA for this demonstration.</p> <p>Working with the students the instructor shall demonstrate the proper technique for closing and reopening an OS&Y valve and a PIV.</p> <p>Working with the students the instructor shall demonstrate and identifying ways to secure a building, post fire, from the elements. Skill Drills 21-15 and 21-16</p>

NH FIRE ACADEMY FIREFIGHTER I
UNIT 21, BLOCK 1 (4HR)

<p style="text-align: center;">Pulling walls and ceilings</p>	<p>Instructors should emphasize the difference between opening up a wall for inspection and breaching a wall for escape.</p> <p>The Instructor shall demonstrate how to properly pull a ceiling and open up the wall and floor to inspect for fire extension.</p> <p>The student shall demonstrate the proper technique for pulling a ceiling and opening up the wall and floor to inspect for fire extension. Skill Drill 21-17, 21-18, and 21-19</p> <p>Working with the students, instructors shall demonstrate how to recognize and preserve obvious signs of origin and arson along with demonstrating how to operate an air monitoring device for O₂, CO, & HCN, recognize alarms and react to alarms. Skill Drill 17-20 and 21SE-1</p>
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Recognize and preserve area of origin and arson

FE Chapter 21 page 686 - 687

Underdevelopment

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

SKILL SHEET 17-5		Deploying and Properly Using Power Supplies and Lighting Equipment	
OBJECTIVE:		NFPA 1001, 4.3.17	FEH Chapter: 17
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> • Generator • Lighting • Cords and connections 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS: <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>		Student will deploy power supplies and lighting equipment.	
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	
Critical?		Pass	Fail
	It is important to understand how your generator and lighting equipment operate.		
	Student is told to check the oil in the generator, as well as the gas level, ensuring both are full.		
	Know your department's SOPs for starting your generator. Some simply use a key to start the generator.		
	The student attaches external lighting to the system.		
	Student is told there is a GFI that has been tripped. Candidate verbalizes how he or she would respond.		
	Student is instructed to check all extension cords for damage and wear, as well as all lighting equipment.		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
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SKILL SHEET 17-6		Locating Lighting for Best Effect	
OBJECTIVE:		NFPA 1001, 4.3.17	FEH Chapter: 17
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> • Generator • Lighting • Cords and connections 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS: <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>		Student will set up lighting at a fire scene.	
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	
Critical?		Pass	Fail
	When deploying portable lighting devices, it is important to properly aim and deploy the fixture.		
	When possible, keep the lights up and away from the normal head height of firefighters to reduce the chance of a firefighter walking in front of the light and hampering its ability to illuminate the scene.		
	Ensure that the light is pointed at the point of interest on the fire scene.		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
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SKILL SHEET 21-1		Cluster Furniture	
OBJECTIVE:		NFPA 1001, 4.3.14	FEH Chapter: 21
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> • Salvage Cover 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS:		Student will cluster furniture.	
<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
	Student demonstrates clustering furniture and explains the purpose.		Fail
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
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SKILL SHEET 21-2		Two-Firefighter Salvage Cover Fold	
OBJECTIVE:		NFPA 1001, 4.3.14	FEH Chapter: 21
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> Salvage Cover 	
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 create a salvage cover fold.	
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	
Critical?		Pass	Fail
	Start with the salvage cover laid out flat on a clean surface, with one firefighter on each side of the salvage cover.		
	Grasp the corner of the cover with the outside hand and place the inside hand midway between the cover center and the cover edge.		
	Fold the cover over just short of the center of the cover.		
	Grasp the outside edge of the cover with the inside hand, and with the outside hand located between the center and outside edge, fold the cover over again.		
	Repeat steps 1 through 4 on opposite side of cover.		
	Grasp the end of the cover and bring it just short of the center of the cover.		
	Using one hand as a pivot, bring the folded end over and on top of the previous fold. Continue this process once again, bringing the folded ends over and on top of the previous fold at the middle of the cover.		
	Repeat this process on the opposite end of the cover. At this point, there should be about 4 in. between the two folds.		
	Now place the one fold on top of the other, letting the 4-in. space act as a hinge.		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			

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SKILL SHEET 21-3		Two-Firefighter Deploying a Salvage Cover Fold	
OBJECTIVE:		NFPA 1001, 4.3.14	FEH Chapter: 21
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> • Salvage Cover 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS:		Working as a member of a team, the student will deploy a salvage cover fold.	
<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
	Lay the folded cover on top of and near the center of the object to be covered.		
	Unfold the cover to each end of the object.		
	One firefighter will grasp the open edges of the cover on each end of the object.		
	Open the sides of the cover by snapping both hands up and out.		
	Tuck in the cover around the edges of the object.		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
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SKILL SHEET 21-4		One-Firefighter Salvage Cover Fold Deploy	
OBJECTIVE:		NFPA 1001, 4.3.14	FEH Chapter: 21
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> Salvage Cover 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS:		Student will deploy a salvage cover fold.	
<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
	Place the salvage cover on top and in the center for the object to be covered.		
	Fold out each side to cover the object lengthwise.		
	Extend the folds to cover the width of the object.		
	Fold the ends under to protect the object from water damage.		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
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SKILL SHEET 21-5		Two-Firefighter Salvage Cover Roll	
OBJECTIVE:		NFPA 1001, 4.3.14	FEH Chapter: 21
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> Salvage Cover 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS:		Working as a member of a team, the student will create a salvage cover roll.	
<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
	Start with the salvage cover laid out flat on a clean surface. The firefighters will be located at opposite sides of the salvage cover.		
	Grasp the corner of the cover with the inside hand and place the outside hand midway between the cover center and the cover edge.		
	Fold the cover over to just short of the center of the cover.		
	Grasp the outside edge of the cover with the inside hand, and with the outside hand located between the center and outside edge, fold the cover over again.		
	Repeat steps 1 through 4 on opposite side of cover.		
	Fold the cover about 12 in. at each end to make a clean even end on both sides.		
	Start at either end by rolling the cover and compressing into a tight, compact roll toward the opposite end.		
	Tuck in any wrinkles that form ahead of the roll.		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			

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SKILL SHEET 21-6		Two-Firefighter Salvage Cover Roll Deploy	
OBJECTIVE:		NFPA 1001, 4.3.14	FEH Chapter: 21
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> Salvage Cover 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS:		Working as a member of a team, the student will deploy a salvage cover with another firefighter.	
<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
	Start at one end of the object to be covered. Unroll enough of the cover to cover the edge of the object.		
	Lay the roll on the object and roll toward the opposite end.		
	Allow the roll to cover the other end of the object.		
	With one firefighter standing at each end of the object, grasp the edges of the cover with one edge in each hand.		
	Open the sides of the cover over the object by snapping both hands up and out.		
	With the cover unfolded, tuck in the cover around the object.		
EVALUATOR COMMENTS:			
[ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			

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SKILL SHEET 21-7		One-Firefighter Salvage Cover Roll Deploy	
OBJECTIVE:		NFPA 1001, 4.3.14	FEH Chapter: 21
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> Salvage Cover 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS:		Student will perform a one-firefighter salvage cover roll deployment.	
<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
	Start at one end of the object to be covered. Unroll enough of the cover to cover the edge of the object.		
	Lay the roll on the object and roll toward the opposite end.		
	Allow the roll to cover the other end of the object.		
	Stand at one end and grasp the open edges where convenient, one edge in each hand. Open the sides of the cover over the object by snapping both hands up and out.		
	Open the other end of the cover over the object in the same manner, and tuck in all the loose edges at the bottom.		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
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SKILL SHEET 21-8		Two-Firefighter Balloon Throw	
OBJECTIVE:		NFPA 1001, 4.3.14	FEH Chapter: 21
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> Salvage Cover 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS:		Working as a member of a team, the student will perform a two-firefighter balloon throw.	
<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
	Two firefighters spread out the salvage cover along the length of the object they are covering.		
	Each firefighter places one foot on the edge of the tarp to anchor the tarp to the floor.		
	With the other end, the firefighter gathers the tarp in an accordion-like fashion.		
	Holding the tarp taut, both firefighters release the gathered material of the tarp as they lift the tarp up and over the object to be covered.		
	Tuck the edges of the tarp under the object to protect it from damage.		
EVALUATOR COMMENTS:			
[ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
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SKILL SHEET 21-9		Construct a Water Chute	
OBJECTIVE:		NFPA 1001, 4.3.14	FEH Chapter: 21
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> Salvage Cover 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS:		Student will construct a water chute.	
<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
	To construct a water chute to deviate a water stream, roll up two opposite sides of a salvage cover approximately 3–6 ft, leaving room for the actual chute.		
	Turn the salvage cover over, creating a trough area that will hold water flow. This can then be placed at an incline such as on a ladder, to channel water.		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
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SKILL SHEET 21-10	Construct a Water Chute with Pike Poles		
OBJECTIVE:	NFPA 1001, 4.3.14	FEH Chapter: 21	
CANDIDATE NAME/NUMBER:		No.:	
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]	<ul style="list-style-type: none"> Salvage Cover 2 Pike Poles 		
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 create a water chute with pike poles.		
CRITERIA:	NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]		
Critical?		Pass	Fail
	A water chute may also be constructed using pike poles. Place a pike pole on the edge of the tarp, with the hook end extended past the edge.		
	Roll that edge up 3–6 ft, leaving room for the chute. Do the same with the opposite side.		
	Turn the salvage cover over, creating a trough area that will hold water flow.		
	The hooks of the pike pole can now be used to hook onto other furniture or a ladder to elevate that end.		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			

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SKILL SHEET 21-11	Construct a Catchall		
OBJECTIVE:	NFPA 1001, 4.3.14	FEH Chapter: 21	
CANDIDATE NAME/NUMBER:		No.:	
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]	<ul style="list-style-type: none"> • Salvage Cover 		
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 create a catchall.		
CRITERIA:	NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]		
Critical?		Pass	Fail
	Spread out a salvage cover on a flat surface.		
	Fold the corners into 45° angles.		
	Roll the ends half the width of the 45° fold		
	Roll the sides the remainder of the width of the 45° fold.		
	Where the four tabs meet, tuck the corners together.		
	Pull the remainder of the 45° fold over the rolled corners and tuck under to secure.		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			

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SKILL SHEET 21-12		Salvage Cover Maintenance	
OBJECTIVE:		NFPA 1001, 4.5.1	FEH Chapter: 21
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> Salvage Cover 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS:		Student will perform salvage cover maintenance including sweeping and cleaning.	
<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
	At regular intervals, inspect your salvage covers for wear and tear, rips, tears, and holes.		
	Sweep and clean salvage cover before folding		
	Damaged salvage covers should be repaired or taken out of service.		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			

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SKILL SHEET 21-13		Remove Water	
OBJECTIVE:	NFPA 1001, 4.3.14	FEH Chapter: 21	
CANDIDATE NAME/NUMBER:		No.:	
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]	<ul style="list-style-type: none"> Water removal equipment 		
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS:	Student removes water from a simulated fire scene.		
	<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
	Student describes three ways to remove water from a structure.		
EVALUATOR COMMENTS:			
	[ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]		
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			

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SKILL SHEET 21-14		Flowing Sprinkler Head	
OBJECTIVE:		NFPA 1001, 4.3.14	FEH Chapter: 21
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> • Sprinkler or sprinkler prop. • 2 wedges 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS:		Working as a member of a team, the student will chock a sprinkler head.	
<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
	In the event you have to shut off a sprinkler head, but you do not want to shut down the whole sprinkler system, use a set of door chocks.		
	Simply wedge the chocks into the sprinkler head from opposite directions, restricting the water flow.		
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

SKILL SHEET 21-15		Sprinkler Operations: Shutoff Outside Screw & Yoke and Main Drain	
OBJECTIVE:		NFPA 1001, 4.3.14	FEH Chapter: 21
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> OS&Y or OS&Y prop 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS: <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>		Student will demonstrate knowledge of the OS&Y valve.	
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	
Critical?		Pass	Fail
	Student demonstrates knowledge of the OS&Y valve by describing whether it is on or off.		
	When instructed, student will turn off the OS&Y valve.		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
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SKILL SHEET 21-16		Cover Building Openings, Including Doors, Windows, Floor Openings, and Roof Openings	
OBJECTIVE:		NFPA 1001, 4.3.14	FEH Chapter: 21
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> Salvage covers and lumber 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS:		Working as a member of a team, the student will cover building openings.	
<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
	Student will demonstrate covering openings.		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			

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SKILL SHEET 21-17		Punch Technique for Walls	
OBJECTIVE:		NFPA 1001, 4.3.14	FEH Chapter: 21
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> • Wall or Wall prop • Halligan or Pike Pole 	
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 perform the punch technique on a wall.	
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	
Critical?		Pass	Fail
	Take the head of the tool and punch in relief cuts into the wall, making an inverted U-shape.		
	Insert the tool along the top relief cuts and gently pull the tool out, pulling out large sections of wall covering.		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			

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SKILL SHEET 21-18		Punch Technique for Ceilings	
OBJECTIVE:		NFPA 1001, 4.3.14	FEH Chapter: 21
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> • Ceiling or ceiling prop • Halligan or Pike Pole 	
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 perform the punch technique on a ceiling.	
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	
Critical?		Pass	Fail
	Take the head of the tool and punch in relief cuts into the ceiling, creating a three-sided box shape, with the uncut side away from the firefighter.		
	Insert the tool along the top relief cuts and gently pull the tool out, pulling out large sections of wall covering. The pieces should drop and hinge away from you.		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			

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SKILL SHEET 21-19		Breaching a Floor	
OBJECTIVE:		NFPA 1001, 4.3.14	FEH Chapter: 21
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> • Axe • Pike Pole 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS:		Working as a member of a team, the student will breach a floor.	
<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
	Remove any floor covering that is present with a knife.		
	Cut with the axe close to the beam. You can either sound the floor to find the beam, or look for nails in the floor. Cut the floor at an angle and where it will facilitate using a prying tool.		
	Use the prying tool to remove the flooring.		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			

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SKILL SHEET 17-20		Meter for toxic gases	
OBJECTIVE:		NFPA 1001, 4.3.21	FEH Chapter: 17
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> 4 Gas meter or trainer with a CO and H2S or HCN sensor. 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS: <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>		Given a running and zeroed 4 gas meter the student will monitor the atmosphere of a given location for toxic hazards specific to the sensors in the meter and verbalize action to be taken when alarm limits are reached. .	
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	
Critical?		Pass	Fail
	Student will monitor high, medium and low at a pace allowing the meter to respond.		
	Student will verbalize actions to take given the meter enters the alarm.		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			