NHFA FIREFIGHTER I COURSE GUIDE, CHAPTER 15 AND 16: WATER SUPPLY, HOSE AND FIRE STREAMS

CHAP	SKILL DRILL	SKILL #	STAND. EVOL. #
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	HOSE AND STREAMS LAB		
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NH FIRE ACADEMY FIREFIGHTER I CHAPTER 15, WATER SUPPLY BLOCK 1 (4HR)

CLASS NAME: WATER SUPPLY

EQUIPMENT	Hydrant prop or hydrant
NEEDED	 Steamerto storz adaptor
	• 2 ½" gate valves(2)
	 Spanner wrenches (2)
	 4 ½" to 6" (compatible with apparatus) double female
	 Hard suction hose (1 length)
	 Engine (Pumping apparatus)
	 Dry hydrant (if available)
	• 2 ½" Double Males (2)
	• 2 ½" Double Females(2)
	Hydrant Wrench
	 Port-a-tank
	Hose Clamp
	 2 ½" or 3" hose (200 feet)
	 4" or 5" Soft Suction Hose
	Hard Suction Hose
	Flat Bottom Strainer
	Hose bed prop

FACILITY NEEDED	A large open area with access to a dry hydrant hook up (may be simulated) and a
	water supply hydrant (if available). Suitable lighting where necessary.

SKILL DRILL REFERENCE					

GENERAL INSTRUCTION	The students shall wear all PPE/ SCBA that would be utilized for				
	these activities during emergency operations. A minimum				
	requirement of gloves and helmet are required for non-emergency activities such as rolling hose.				

NH FIRE ACADEMY FIREFIGHTER I UNITS 15 WATER SUPPLY BLOCK 1 (4HR)

EVOLUTION	DISCRIPTION
Dry Barrel Hydrant OPS	Working with the students the instructor shall demonstrate how to prepare a dry barrel hydrant for connection to a fire department pumping apparatus. Proper dressing of a hydrant shall include flushing the hydrant, attaching a 2 ½" gate to the 2 ½" discharge and a 4" adaptor to the Steamer connection and connecting to a Fire Department pumping apparatus.
	Each student shall demonstrate how to dress, operate, and breakdown the hydrant and connecting to a Fire Department pumping apparatus. Skill drill 15-32, 15-42
Dry Hydrant	Working with the students the instructor shall demonstrate how to prepare a dry hydrant for drafting including connecting to a Fire Department pumping apparatus
Port-a-Tank	and deploy a portable water tank and identify topographical, access, connecting to a FDC, and use considerations and rural hitch connection.
Fire Department	
Connection	Each student shall demonstrate how to prepare a dry hydrant for drafting including connecting to a Fire Department pumping apparatus and deploy a portable water
Rural Hitch	tank and identify topographical, access, connecting to a FDC, and use considerations and rural hitch connection. Skill drill 15-32, 15-37, 15-
Supply Hose	Working with the students the instructor shall demonstrate how to move LDH using
Loads/Deployment	shoulder carry and working drag, pack a flat load for LDH, forward, and reverse hose lays.
Shoulder Carry and	
Working Hose Drag	Each student shall demonstrate how to move LDH using shoulder carry and working drag, pack a flat load for LDH, forward, and reverse hose lay. Skill drill 15-29, 15-35, 15-36



NH FIRE ACADEMY FIREFIGHTER I CHP 15 AND 16, HOSE AND FIRE STREAMS LAB (4HR)

CLASS NAME: HOSE AND FIRE STREAMS LAB

EQUIPMENT	1 ³ ⁄ ₄ " hose	Smooth Bore Nozzles	Clappered Siamese
NEEDED 2 ¹ / ₂ " hose		Fixed Gallonage Nozzles	Non-Clappered Siamese
	3" hose	Automatic Nozzles	Reducers and Increasers
	4" LDH hose	Hose, Coupling, Nozzle Cutaway Kit	LDH Distribution Valve
5" LDH hose		Hose Tester	Hydrant Assist Valve
	Wildland hose	Gaskets	Spanner Wrenches
	Hard suction hose	Gated Wye	Hose Clamp
	Booster line hose	Non- Gated Wye	Hose Strap

FACILITY NEEDED	Classroom and/or typical apparatus bay with access to fire department pumping apparatus
	equipment.

SKILL DRILL REFERENCE				

GENERAL INSTRUCTIONS	Instructor led lab will present students with three stations to handle and practice coupling and uncoupling hose, commonly used appliance applications, and a hose, coupling and nozzle cutaway demonstration.
	A minimum requirement of gloves and helmet are required for non-emergency activities such as coupling and uncoupling hose and handling appliances. Students will practice until they demonstrate proficiency in each skill.

NH FIRE ACADEMY FIREFIGHTER I

CHP 15 AND 16, HOSE AND FIRE STREAMS LAB (4HR)

EVOLUTION	DESCRIPTION
HOSE, COUPLING,	Instructor will utilize the hose, coupling, nozzle cut away kit to present to the
NOZZLE CUT AWAY	students the internal components and discuss how they work. Examples would
DEMOSTRATION	be single jacket hose, double jacket hose, NHT coupling, storz coupling, smooth
	bore nozzle, fixed gallonage nozzle and automatic nozzles.
COUPLING AND	Working with the students the instructor shall demonstrate how to couple and
UNCOUPLING	uncouple various types of male/female threaded coupling techniques which will
HOSE	firefighter stiff arm method and storz coupling. Skill Drill
INSPECTION,	
TESTING,	working with the students the instructor shall demonstrate how to inspection and testing of the hose, replace hose gasket, marking defective hose, preventive
CLEANING, AND	maintenance and cleaning techniques for hose.
MAINTENANCE	
	Working as a team students shall demonstrate how to inspection and testing of the hose, replace hose gasket, marking defective hose, preventive maintenance and cleaning techniques for hose.
	Skill Drill 15-1, 15-2, 15-3, 15-4, 15-5, 15-6, 15-7, 15-14, 15-16
COMMON HOSE	Instructor will work with students to demonstrate various hose appliances such
APPLIANCES	as wyes, siamese, hose straps, reducers, double male and double female adapters.
REPLACEMENT OR	
EXTENSION OF A	Instructor shall demonstrate the techniques to replace a burst hose, extending
HOSE	hose, field hose clamp and a mechanical hose clamp.
	Each students shall demonstrate the techniques to replace a burst hose, extending
	hose, field hose clamp and a mechanical hose clamp. Skill Drill 15-9, 15-10, 15-12



NH FIRE ACADEMY FIREFIGHTER I CHP 15 AND 16, HOSE AND FIRE STREAMS BLOCK 1 (8HR)

CLASS NAME: HOSE AND FIRE STREAMS BLOCK 1

EQUIPMENT	Hydrant	Building or prop for FDC connection	
NEEDED 1-2 Engines		Portable Monitor	
	600' of 1 ¾" hose	Hose bed prop when available	
	250' of 2 ½' hose	Appliances	
	Hydrant wrench	Spanner wrenches	

FACILITY NEEDED	Large open area with a wet hydrant if available to discharge portable monitor.
	Suitable lighting for nighttime training evolutions.

SKILL DRILL REFERENCE				

GENERAL INSTRUCTIONS	The students shall wear all PPE/SCBA that would be worn during
	operations on an emergency scene. Firefighters pulling hose
	would wear full PPE while firefighters rolling would wear gloves
	and a helmet. The students will be divided into three equal groups
	and assigned a station where they will practices the assigned skills
	until they are proficient. Two instructors will be assigned to each
	station and each group of students will be divided in half at each
	station and complete their assignment.

NH FIRE ACADEMY FIREFIGHTER I CHP 15 AND 16, HOSE AND FIRE STREAMS BLOCK 1 (8HR)

EVOLUTION	DESCRIPTION
PORTABLE MONITOR DRAINING HOSE	Working with the students the instructor shall demonstrate how to set-up a portable monitor safely to an engine, flow water, and demonstrate how to drain and carry hose.Working as a team students shall demonstrate how to set-up a portable monitor safely to an engine, flow water, and demonstrate how to drain and carry hose.Skill Drill 16-11,
SINGLE HOSE ROLL	An instructor shall demonstrate how to roll hose using the single hose roll method and single donut hose roll method.
HOSE ROLL	Each student shall demonstrate how to roll hose using the single hose roll method and single donut hose roll method. Skill Drill 15-15 and 15-25
PACK AND DEPLOY MINUTEMAN HOSE LOAD	Working with the students instructors shall demonstrate how to properly pack and pull a minuteman hose load. Students work as a team shall demonstrate how to pack and pull a minuteman hose load. Skill Drill 15-18
INSTRUCTOR DEMO PACK AND DEPLOY FLAT LOAD and TRIPLE LOAD	Instructors shall demonstrate packing and pulling of the flat load and triple load.



NH FIRE ACADEMY FIREFIGHTER I CHP 15 AND 16, HOSE AND FIRE STREAMS BLOCK 2 (8HR)

CLASS NAME: HOSE AND FIRE STREAMS BLOCK 2

EQUIPMENT	Hydrant	Building to flow water
NEEDED	2 Engines	24' ladder
	700' of 1 ¾" hose	Utility rope
	300' of 2 ½' hose	Appliances
	Hydrant wrench	Spanner wrenches
	(6) 1 ¾" nozzles	
	2 smooth bore nozzles	
	(2) 2 ½" nozzles	

FACILITY NEEDED	Large open area and a multi-story building suitable for advancing charged hose
	lines and not susceptible to water damage. An area for rehab should be on
	site as well. A reliable water source for pumping apparatus is also required.
	Suitable lighting for nighttime training evolutions.

SKILL DRILL REFERENCE				

GENERAL INSTRUCTIONS	The students shall wear all PPE/SCBA that would be worn during
	operations on an emergency scene. Firefighters pulling hose
	would wear full PPE while firefighters rolling would wear gloves
	and a helmet. The students will be divided into four equal groups
	and assigned a station where they will practice the assigned skills
	until they are proficient and two instructors will be assigned to
	each station.

NH FIRE ACADEMY FIREFIGHTER I

CHP 15 AND 16, HOSE AND FIRE STREAMS BLOCK 2 (8HR)

EVOLUTION	DESCRIPTION
advancing hose with clamp slide and knee walk	Instructor shall demonstrate how to advance a hose line using the clamp slide method, knee walk method and standing method.
advancing hose while standing	Students shall demonstrate how to advance a hose line using the clamp slide method, knee walk method and standing method. Skill Drill
advancing an uncharged hose up a ladder	Working with the students the instructor shall demonstrate how to advance an uncharged hose line up a ladder and once at the proper position will perform a leg lock, secure the hose to the ladder, and call for the hose line to be charged.
operate a hose line from a ladder	Students shall demonstrate how to advance an uncharged hose line up a ladder and once at the proper position will perform a leg lock, secure the hose to the ladder, and call for the hose line to be charged. Skill Drill
Uncharged and charged hose up & down a set of stairs	Instructors working with the students will demonstrate the proper way to advance hose lines up a set of stairs and down a set of stairs. Students will work with both charged and uncharged hose lines as they perform these skills.
Charged hose around pinch points	The instructors working with the students will demonstrate the proper way to navigate through a series of left hand turns and right hand turns to overcome pinch points as they advance a hose line through a building. Students will rotate through various positions on the hose line until they have had an opportunity in each position.
loop method and well hole stretch	The instructors will demonstrate advancing a hose line using the loop method and encourage students to use this technique throughout this module. The wellhole stretch will be demonstrated as well.
	Students shall demonstrate how to advancing a hose line using the loop method and encourage students to use this technique throughout this module. The wellhole stretch will be demonstrated as well.

NH FIRE ACADEMY FIREFIGHTER I

CHP 15 AND 16, HOSE AND FIRE STREAMS BLOCK 2 (8HR)

1 ¾" smooth, fixed,	The objective of this station is to provide an opportunity for students to
and automatic	operate and attain proficiency using various nozzles in both 1 $34''$ and 2 $12''$
nozzle charged hose	hose lines. This will be accomplished by the instructor demonstrating proper hose and nozzle techniques and then working with the students to master these skills. Students will rotate through all positions and all nozzles – smooth
2 1⁄2" smooth, fixed, and automatic nozzle charged hose	bore, fixed gallonage, and automatic nozzles. The instructor will communicate with the engine operator to insure the nozzle pressure is appropriate for the nozzle being used. Students will be shown and then demonstrate various nozzle techniques for direct and indirect attack, experience nozzle reaction and use of application methods.



NH FIRE ACADEMY FIREFIGHTER I CHP 15 AND 16, HOSE AND FIRE STREAMS BLOCK 3 (4HR)

CLASS NAME: HOSE AND FIRE STREAMS BLOCK 3

EQUIPMENT	Hydrant	Building to flow water
NEEDED	2 Engines	24' ladder
	700' of 1 ¾" hose	Utility rope
	300' of 2 ½' hose	Appliances
	Hydrant wrench	Spanner wrenches
	(6) 1 ¾" nozzles	
	2 smooth bore nozzles	
	(2) 2 ½" nozzles	

FACILITY NEEDED	Large open area and a multi-story building suitable for advancing charged hose
	lines and not susceptible to water damage. An area for rehab should be on
	site as well. A reliable water source for pumping apparatus is also required.
	Suitable lighting for nighttime training evolutions.

SKILL DRILL REFERENCE				

GENERAL INSTRUCTIONS	The students shall wear all PPE/SCBA that would be worn during
	operations on an emergency scene. Firefighters pulling hose
	would wear full PPE while firefighters rolling would wear gloves
	and a helmet. The students will be divided into four equal groups
	and assigned a station where they will practice the assigned skills
	until they are proficient and two instructors will be assigned to
	each station. This block will be using charged hose lines and the
	instructors will have the opportunity to correct improper habits
	and reinforce proper hose deployment, hose advancement, hose
	handling and nozzle techniques.

NH FIRE ACADEMY FIREFIGHTER I CHP 15 AND 16, HOSE AND FIRE STREAMS BLOCK 3 (4HR)

EVOLUTION	DESCRIPTION
CHARGED HOSE LINE PIN AND HIT	The instructors will demonstrate the pin and hit method of nozzle application.
	Students shall demonstrate the pin and hit method of nozzle application.
CHARGED HOSELINE CLAMP AND SLIDE	The instructors will demonstrate the clamp and slide method of advancing a hose line.
	Students shall demonstrate the clamp and slide method of advancing a hose line.
CHARGED HOSE LINE KNEE WALK	The instructors will demonstrate the knee walk method of hose advancement.
	Students shall demonstrate knee walk method of hose advancement
ADVANCING CHARGED HOSE LINE WHILE STANDING	The instructors will demonstrate the proper technique to advance a charged hose line while standing.
	Students shall demonstrate the proper technique to advance a charged hose line while standing.



NH FIRE ACADEMY FIREFIGHTER I CHP 15 AND 16, HOSE AND FIRE STREAMS BLOCK 4 (8HR)

CLASS NAME: HOSE AND FIRE STREAMS BLOCK 4

EQUIPMENT	Hydrant	Building to flow water
NEEDED	2 Engines	24' ladder
	700' of 1 ¾" hose	Utility rope
	300' of 2 ½' hose	Appliances
	Hydrant wrench	Spanner wrenches
	(6) 1 ¾" nozzles	Smoke machine
	2 smooth bore nozzles	Wax paper
	(2) 2 ½" nozzles	

FACILITY NEEDED	Large open area and a multi-story building suitable for advancing charged hose
	lines and not susceptible to water damage. An area for rehab should be on
	site as well. A reliable water source for pumping apparatus is also required.
	Suitable lighting for nighttime training evolutions.

SKILL DRILL REFERENCE					
	16SE1S1				

GENERAL INSTRUCTIONS	The students shall be divided into groups. The intent of this block
	is for students start putting together all of the hose and streams
	skills they have introduced to thus far. Groups shall be rotated
	until all groups have completed the evolutions. The students shall
	wear all PPE/SCBA that would be worn for an IDHL atmosphere.
	Instructor will wear structural PPE including gloves and helmets.

NH FIRE ACADEMY FIREFIGHTER I CHP 15 AND 16, HOSE AND FIRE STREAMS BLOCK 4 (8HR)

Putting it all together

16SE1S1

Instruction: At this point in time Students have been shown how to: connect hose, roll hose, drain hose, pack hose load, advance dry hose line, charge hose and adjust stream, advance charge hose line, advance up and down stairs, manage pinch points, advance hose line standing, flow adequate water and correct methods applied.

Instructor notes:

Working in teams, students shall be assigned different scenarios which need to be accomplished. You may add more skills into the scenario as long as the core skills are accomplished and the scenarios are not hours long. Students will be on air, however they will have full visibility.

Scenario 1

Advance hose line from ground level to interior stairs and up to second floor fire. The students shall advance a minuteman hose load to the A side of the building, charge the line, go in air, advance the line and up the stairs into the room of origin, manage all pinch points, suppress the simulated fire, and any simulated fire along the way in, back the hose line out and drain. The hose must be repacked to a minuteman hose load.

Scenario 2

Advance hose line below grade (basement) to a designated fire location. The students shall advance a minuteman hose load to the mezzanine on the outside of the second floor of the building, charge the line, go in air, advance the line down the stairs into the room of origin, manage all pinch points, suppress the simulated fire, and any simulated fire along the way in, back the hose line out and drain. The hose must be repacked to a minuteman hose load.

Scenario 3

Advance a hose line at grade to a designated fire location. The students shall advance a minuteman hose load to the A or B side of the building, charge the line, go in air, advance the line to the room of origin, manage all pinch points, suppress the simulated fire, and any simulated fire along the way in, back the hose line out and drain. The hose must be repacked to a minuteman hose load.

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

SKILL SHEET 1	5-42	Dry Barrel Hydrant Operations			
OBJECTIVE:		NFPA 1001, 4.3.15	FEH Chapt	er: 15	
CANDIDATE NA	AME/NUMBER:		No.:		
TEST DATE/TIN	ΛE				
EQUIPMENT REQUIRED: [Add local requirements if needed]		 Hydrant LDH Radio PPE 			
EVALUATOR IN	ISTRUCTIONS				
CANDIDATE IN NOTE: The eva	STRUCTIONS:	Student shall demonstrate hooking up to a Dry barrel hydrant.			
the following ex written to the c	xactly as it is andidate				
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Gui	ides		
		ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL	_]		
Critical?				Pass	<mark>Fail</mark>
	Approach the hyd gross problems su nut as well as seri	pproach the hydrant, making sure to watch for traffic. Quickly examine the hydrant for ross problems such as missing caps, broken or damaged spindles, or damaged operating nut as well as serious problems such as missing flange bolts or vehicle damage.			
		the hydrant cap with a proper hydrant wrench. Quickly check threads on the for damage that would prevent use. Look in the barrel for gross problems such as ebris			
	Remove the hydra hydrant for damag visible debris	ant cap with a proper hydrant wrench. Quickly check threads on t le that would prevent use. Look in the barrel for gross problems s	the such as		
	Remove the hydra hydrant for damag visible debris Place the hydrant hydrant thoroughl operating nut or s debris to flow out.	ant cap with a proper hydrant wrench. Quickly check threads on t ge that would prevent use. Look in the barrel for gross problems s wrench on the operating nut operating stem on the top to flush th y by opening the hydrant. This is done by making several full turn pindle in a slow and controlled manner in the open direction. Allo	the such as the ns of the pw all the		
	Remove the hydra hydrant for damag visible debris Place the hydrant hydrant thoroughl operating nut or si debris to flow out. Once this is estab ½" valves to each line to the hydrant	ant cap with a proper hydrant wrench. Quickly check threads on the term of term of term of the term of	the such as the ns of the ow all the e two 2 supply		
	Remove the hydra hydrant for damag visible debris Place the hydrant hydrant thoroughl operating nut or s debris to flow out. Once this is estab ½" valves to each line to the hydrant After the hydrant is needed and slowly to drain. Once dra	ant cap with a proper hydrant wrench. Quickly check threads on the term takes that would prevent use. Look in the barrel for gross problems a wrench on the operating nut operating stem on the top to flush the y by opening the hydrant. This is done by making several full turn bindle in a slow and controlled manner in the open direction. Allo lished, shut the hydrant down so that you can dress. Connect the side. Connect the 4 ½" valve or the hydrant valve. Connect the side is used, it must be shut down. Ensure that the hydrant is no longer of close the hydrant. Once the hydrant is shut down, open the 2 ½ ined remove LDH, all valves and replace caps	the such as the ns of the ow all the e two 2 supply er ⁄2" valve		
EVALUATOR C	Remove the hydra hydrant for damag visible debris Place the hydrant hydrant thoroughl operating nut or s debris to flow out. Once this is estab ½" valves to each line to the hydrant After the hydrant is needed and slowly to drain. Once dra	ant cap with a proper hydrant wrench. Quickly check threads on the top that would prevent use. Look in the barrel for gross problems a wrench on the operating nut operating stem on the top to flush the y by opening the hydrant. This is done by making several full turn bindle in a slow and controlled manner in the open direction. Allo ished, shut the hydrant down so that you can dress. Connect the side. Connect the 4 ½" valve or the hydrant valve. Connect the side is used, it must be shut down. Ensure that the hydrant is no longer close the hydrant. Once the hydrant is shut down, open the 2 ½ ined remove LDH, all valves and replace caps	the such as the ns of the ow all the e two 2 supply er ⁄2" valve		
EVALUATOR C [ANY COMMEN CON REGARDI STUDENT ACC	Remove the hydra hydrant for damag visible debris Place the hydrant hydrant thoroughl operating nut or s debris to flow out. Once this is estab 1⁄2" valves to each line to the hydrant After the hydrant is needed and slowly to drain. Once dra OMMENTS: TS PRO OR NG WHAT THE OMPLISHED]	ant cap with a proper hydrant wrench. Quickly check threads on the term of the twould prevent use. Look in the barrel for gross problems a wrench on the operating nut operating stem on the top to flush they by opening the hydrant. This is done by making several full turn bindle in a slow and controlled manner in the open direction. Allo lished, shut the hydrant down so that you can dress. Connect the side. Connect the 4 ½" valve or the hydrant valve. Connect the side is used, it must be shut down. Ensure that the hydrant is no longer close the hydrant. Once the hydrant is shut down, open the 2 ½ ined remove LDH, all valves and replace caps	the such as the ns of the ow all the e two 2 supply er ⁄2" valve		
EVALUATOR C [ANY COMMEN CON REGARDI STUDENT ACC EVALUATOR S	Remove the hydra hydrant for damag visible debris Place the hydrant hydrant thoroughl operating nut or s debris to flow out. Once this is estab 1⁄2" valves to each line to the hydrant After the hydrant is needed and slowly to drain. Once dra OMMENTS: TS PRO OR NG WHAT THE OMPLISHED] IGNATURE:	ant cap with a proper hydrant wrench. Quickly check threads on the ge that would prevent use. Look in the barrel for gross problems a wrench on the operating nut operating stem on the top to flush the y by opening the hydrant. This is done by making several full turn bindle in a slow and controlled manner in the open direction. Allo lished, shut the hydrant down so that you can dress. Connect the side. Connect the 4 ½" valve or the hydrant valve. Connect the side is used, it must be shut down. Ensure that the hydrant is no longer v close the hydrant. Once the hydrant is shut down, open the 2 ½ ined remove LDH, all valves and replace caps	the such as the ns of the ow all the e two 2 supply er $\frac{1}{2}$ valve		

SKILL SHEET 1	5-	Connecting a LDH to an Apparatus			
OBJECTIVE:		NFPA 1001, 4.3.15	FEH Chapte	er: 15	
CANDIDATE NA	ME/NUMBER:		No.:		
TEST DATE/TIM	E				
EQUIPMENT RE [Add local requi	QUIRED: rements if needed]	EngineLDH HoseHydrant			
EVALUATOR IN	STRUCTIONS				
CANDIDATE INS	STRUCTIONS:	Student shall connect a LDH hose to an Apparatus			
NOTE: The evalution following exactly the candidate	uator will read the y as it is written to				
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides	s		
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]			
Critical?				Pass	<mark>Fail</mark>
	Remove	the engine intake cover and attach the LDH hose to the inlet.			
	Open the	e valve on the hydrant when instructed to do so by the officer.			
EVALUATOR CO [ANY COMMENT REGARDING WI STUDENT ACCO	DMMENTS: IS PRO OR CON HAT THE DMPLISHED]				
EVALUATOR SI	GNATURE:				
STUDENT SIGN	ATURE:				

SKILL SHEET 15-32 Connecting a Hard Suction Hose to a Dry Hydrant and Apparatus					
OBJECTIVE:		NFPA 1001, 4.3.15	FEH Chapte	er: 15	
CANDIDATE NA	ME/NUMBER:		No.:		
TEST DATE/TIM	E				
EQUIPMENT RE [Add local requin	QUIRED: rements if needed]	EngineHard Suction HoseDry Hydrant			
EVALUATOR IN	STRUCTIONS				
CANDIDATE INS	STRUCTIONS:	Student shall connect a hard suction hose to a dry hydrant and ap	oparatus		
NOTE: The evalution following exactly the candidate	uator will read the y as it is written to	P D			
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guide	s		
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]			
Critical?				Pass	<mark>Fail</mark>
	Remove	the appropriate number of hard suction hose sections from the appa	aratus.		
	Remove	the hydrant cap and attach one end of the hard suction hose to the	hydrant.		
Remove the inlet.		the engine intake cover and attach the other end of the hard suction	n hose to		
EVALUATOR CC [ANY COMMENT REGARDING WH STUDENT ACCC	DMMENTS: TS PRO OR CON HAT THE DMPLISHED] GNATURE:				
STUDENT SIGN/	ATURE:				

SKILL SHEET 15	5-37	Deploying a Portable Water Tank and Drafting Equipment				
OBJECTIVE:		NFPA 1001, 4.3.15	FEH Chapte	r: 15		
CANDIDATE NA	ME/NUMBER:		No.:			
TEST DATE/TIM	E					
EQUIPMENT RE [Add local requin	VT REQUIRED: • Water tank requirements if needed] • Hard suction hose • strainer • PPE					
EVALUATOR IN	STRUCTIONS					
CANDIDATE INSTRUCTIONS: NOTE: The evaluator will read the following exactly as it is written to the candidate		Student shall deploy a portable water tank and drafting equipment.				
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guid [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	es			
Critical?				Pass	Fail	
	Two firef	ghters remove the portable tank from the apparatus.				
	Turn the	tank so that it is right side up and place the outlet on the downhill side.				
	The tank source.	can be filled by dumping directly from a tanker, or by pumping from	n a different			
	To draft sections	rom the drop tank, remove an appropriate number of hard suction from the apparatus. Place a strainer on the end of the hard suction	hose hose.			
	Place the	e strainer into the tank.				
	Attach th	e other end to the inlet on the apparatus pump panel.				
	The pum	p operator can now draft from the drop tank.				
	When it i	s time to leave the scene, open the drop tank drain to let the water	flow out.			
	Collapse on the ap	the frame, turn it over and place on the apparatus. Fold up the tar oparatus.	p and place			
EVALUATOR CO	DMMENTS: TS PRO OR CON					
STUDENT ACCO	MPLISHED]					
EVALUATOR SI	GNATURE:					
STUDENT SIGN	ATURE:					

SKILL SHEET 15	5-29	LDH Flat Load		
OBJECTIVE:		NFPA 1001, 4.5.2 FEH Chapte	er: 15	
CANDIDATE NA	ME/NUMBER:	No.:		
TEST DATE/TIM	E			
EQUIPMENT RE [Add local requin	QUIRED: rements if needed]	 8 or 10 lengths of LDH hose. Engine or hose bed prop PPE 		
	STRUCTIONS			
CANDIDATE INS	STRUCTIONS:	Students shall demonstrate how to create a float load.		
NOTE: The evalution following exactly the candidate	uator will read the y as it is written to			
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides		
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]		
Critical?			Pass	<mark>Fail</mark>
	Start by _l edge. La	placing the coupling at the front of the hosebed, along either the left or right y the hose out flat, toward the rear of the bed.		
	Start by j edge. La At the rea hosebed	blacing the coupling at the front of the hosebed, along either the left or right y the hose out flat, toward the rear of the bed. ar of the bed, fold the hose over on itself, laying it flat up to the front of the		
	Start by j edge. La At the re- hosebed When fol next to th	blacing the coupling at the front of the hosebed, along either the left or right y the hose out flat, toward the rear of the bed. ar of the bed, fold the hose over on itself, laying it flat up to the front of the ding the hose over for the second pass, offset the rear fold to lay the hose right he previous fold.		
	Start by j edge. La At the re- hosebed When fol next to th Continue complete	blacing the coupling at the front of the hosebed, along either the left or right y the hose out flat, toward the rear of the bed. ar of the bed, fold the hose over on itself, laying it flat up to the front of the ding the hose over for the second pass, offset the rear fold to lay the hose right he previous fold.		
EVALUATOR CO	Start by p edge. La At the re- hosebed When fol next to th Continue complete	blacing the coupling at the front of the hosebed, along either the left or right y the hose out flat, toward the rear of the bed. ar of the bed, fold the hose over on itself, laying it flat up to the front of the ding the hose over for the second pass, offset the rear fold to lay the hose right he previous fold. this pattern, moving back and forth along the hosebed, until the hose is ely loaded.		
EVALUATOR CC [ANY COMMENT REGARDING WH STUDENT ACCC	Start by j edge. La At the re- hosebed When fol next to th Continue complete DMMENTS: TS PRO OR CON HAT THE DMPLISHED]	blacing the coupling at the front of the hosebed, along either the left or right y the hose out flat, toward the rear of the bed. ar of the bed, fold the hose over on itself, laying it flat up to the front of the ding the hose over for the second pass, offset the rear fold to lay the hose right he previous fold. this pattern, moving back and forth along the hosebed, until the hose is ely loaded.		
EVALUATOR CC [ANY COMMENT REGARDING WH STUDENT ACCC EVALUATOR SIG	Start by j edge. La At the re- hosebed When fol next to th Continue complete DMMENTS: TS PRO OR CON HAT THE DMPLISHED] GNATURE:	blacing the coupling at the front of the hosebed, along either the left or right y the hose out flat, toward the rear of the bed. ar of the bed, fold the hose over on itself, laying it flat up to the front of the ding the hose over for the second pass, offset the rear fold to lay the hose right he previous fold. this pattern, moving back and forth along the hosebed, until the hose is ely loaded.		

SKILL SHEET 15	i-35	Forward Lay	
OBJECTIVE:		NFPA 1001, 4.13.15 B	FEH Chapter: 15
CANDIDATE NA	ME/NUMBER:		No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: • Engine equipped with enough hose to perform a forward lay [Add local requirements if needed] • Hydrant bag • Available hydrant or hydrant prop • PPE		rward lay	
EVALUATOR IN	STRUCTIONS		
CANDIDATE INS	TRUCTIONS:	Working as a team students shall perform a forward lay.	
NOTE: The evalution following exactly the candidate	uator will read the y as it is written to		
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides	
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	
Critical?			Pass Fail
	First the vehicle, g	engine addresses a hydrant near the fire. The hydrant firefighter exits goes to the rear of the engine and removed the necessary equipment	s the
	First the vehicle, g The firefi the hydra	engine addresses a hydrant near the fire. The hydrant firefighter exits goes to the rear of the engine and removed the necessary equipment ghter then grabs the proper supply line, ensuring there is enough hos ant.	s the t. se to reach
	First the vehicle, g The firefi the hydra The hydr the engir	engine addresses a hydrant near the fire. The hydrant firefighter exits goes to the rear of the engine and removed the necessary equipment ghter then grabs the proper supply line, ensuring there is enough hos ant. ant firefighter wraps the hydrant and gives the order to release the er be drives to the fire building.	s the stress str
	First the vehicle, g The firefi the hydra The hydr the engir Once the intake. C	engine addresses a hydrant near the fire. The hydrant firefighter exits goes to the rear of the engine and removed the necessary equipment ghter then grabs the proper supply line, ensuring there is enough hos ant. ant firefighter wraps the hydrant and gives the order to release the er the drives to the fire building. The engine is at the fire scene. The engineer now attaches the hose to the nce the supply line is in place, the engineer calls for water.	s the stree street stre
EVALUATOR CC	First the vehicle, g The firefi the hydra The hydr the engir Once the intake. C	engine addresses a hydrant near the fire. The hydrant firefighter exits goes to the rear of the engine and removed the necessary equipment ghter then grabs the proper supply line, ensuring there is enough hos ant. ant firefighter wraps the hydrant and gives the order to release the er the drives to the fire building. The engine is at the fire scene. The engineer now attaches the hose to the nce the supply line is in place, the engineer calls for water.	s the s to reach ngine, and he pump
EVALUATOR CC [ANY COMMENT REGARDING WH STUDENT ACCC	First the vehicle, g The firefi the hydra The hydr the engir Once the intake. C OMMENTS: S PRO OR CON IAT THE OMPLISHED]	engine addresses a hydrant near the fire. The hydrant firefighter exits goes to the rear of the engine and removed the necessary equipment ghter then grabs the proper supply line, ensuring there is enough hos ant. ant firefighter wraps the hydrant and gives the order to release the er the drives to the fire building. engine is at the fire scene. The engineer now attaches the hose to the nce the supply line is in place, the engineer calls for water.	s the se to reach ngine, and he pump
EVALUATOR CC [ANY COMMENT REGARDING WH STUDENT ACCC EVALUATOR SIG	First the vehicle, g The firefi the hydra The hydra The hydra Once the intake. C OMMENTS: S PRO OR CON IAT THE OMPLISHED] GNATURE:	engine addresses a hydrant near the fire. The hydrant firefighter exits goes to the rear of the engine and removed the necessary equipment ghter then grabs the proper supply line, ensuring there is enough hos ant. ant firefighter wraps the hydrant and gives the order to release the er the drives to the fire building. The engine is at the fire scene. The engineer now attaches the hose to the nce the supply line is in place, the engineer calls for water.	s the

SKILL SHEET 15	5-36	Reverse Lay	
OBJECTIVE:		NFPA 1001, 4.13.15	FEH Chapter: 15
CANDIDATE NA	ME/NUMBER:		No.:
TEST DATE/TIM	E		
EQUIPMENT RE [Add local requin	QUIRED: rements if needed]	 Engine equipped with enough hose to perform a forward lay Hydrant bag Available hydrant or hydrant prop PPE 	
EVALUATOR IN	STRUCTIONS		
CANDIDATE INS	TRUCTIONS:	Working as a team students shall perform a reverse lay.	
NOTE: The evalution following exactly the candidate	uator will read the y as it is written to		
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides	S
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	
Critical?			Pass Fail
	Once on firefighte	scene at the fire building, an engine completing a reverse lay will stors, except for the engineer, will get off the engine.	op. The
	The firefi been cor	ghter's on-scene will then pull the required hose and equipment. On npleted, the engine is then released to lay line to the hydrant.	ce has
	The firefi line(s) ar	ghter's left at the scene will then start to flake the pulled attack line(s d complete all the tasks necessary to be ready to call for water.	s) or supply
	The engi hydrant i placeme	neer will drive away from the fire, laying line to the nearest hydrant. s located, the engineer will spot it while remaining aware of proper a nt.	Once a apparatus
	The engi	neer will connect to the hydrant	
EVALUATOR CO [ANY COMMENT REGARDING WH STUDENT ACCO	DMMENTS: S PRO OR CON IAT THE DMPLISHED]		
	GNATURE:		
STUDENT SIGN	ATURE:		

SKILL SHEET 15	5-1	Coupling a Hose: One-Firefighter Foot Tilt			
OBJECTIVE:		NFPA 1001, 4.3.10 & 4.3.15	FEH Chapter: 15		
CANDIDATE NA	ME/NUMBER:		No.:		
TEST DATE/TIME					
EQUIPMENT REQUIRED: [Add local requirements if needed]		Length of hosePPE			
EVALUATOR IN	STRUCTIONS				
CANDIDATE INS	TRUCTIONS:	Student will couple a hose.			
NOTE: The evalution following exactly the candidate	uator will read the y as it is written to				
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guide	S		
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]			
Critical?				Pass	<mark>Fail</mark>
	Step on t	he hose just behind the male coupling This action will make the three	eads tilt up.		
	The firefi indicators	ghter can then, using both hands, hold the female coupling, align the sand connect the male and female coupling.	e higbee		
	The firefi also be u	ghter twists the coupling clockwise to join the hose together. This m sed to uncouple hose.	ethod can		
EVALUATOR CO	OMMENTS:			-	
[ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]					
EVALUATOR SIG	GNATURE:				
STUDENT SIGN	ATURE:				

SKILL SHEET 15-2		Coupling a Hose: Two Firefighters			
OBJECTIVE:		NFPA 1001, 4.3.10 & 4.3.15	FEH Chapte	er: 15	
CANDIDATE NAME/NUMBER:			No.:		
TEST DATE/TIME					
EQUIPMENT REQUIRED: [Add local requirements if needed]		Length of hosePPE			
EVALUATOR IN	STRUCTIONS				
CANDIDATE INS	TRUCTIONS:	Working as a member of a team, the student will couple a hose.			
NOTE: The evalution following exactly the candidate	uator will read the y as it is written to				
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides			
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]			
Critical?				Pass	<mark>Fail</mark>
	One stud	ent takes the male coupling, the other takes the female coupling.			
	One stud Now faci at waist h	ent takes the male coupling, the other takes the female coupling. ng each other, the firefighter with the male coupling holds the male sh height with higbee notch facing upward.	hanks rigid		
	One stud Now faci at waist h The firefi coupling	ent takes the male coupling, the other takes the female coupling. ng each other, the firefighter with the male coupling holds the male sh neight with higbee notch facing upward. ghter with the female coupling then aligns higbee indicator with the m and connects the two, turning the female coupling clockwise until tigh	hanks rigid nale ht.		
EVALUATOR CC	One stud Now faci at waist h The firefi coupling	ent takes the male coupling, the other takes the female coupling. ng each other, the firefighter with the male coupling holds the male sh neight with higbee notch facing upward. ghter with the female coupling then aligns higbee indicator with the m and connects the two, turning the female coupling clockwise until tigh	hanks rigid nale ht.		
EVALUATOR CC [ANY COMMENT REGARDING WH STUDENT ACCC	One stud Now faci at waist h The firefi coupling OMMENTS: S PRO OR CON HAT THE OMPLISHED]	ent takes the male coupling, the other takes the female coupling. Ing each other, the firefighter with the male coupling holds the male sh height with higbee notch facing upward. Ighter with the female coupling then aligns higbee indicator with the m and connects the two, turning the female coupling clockwise until tigh	hanks rigid nale ht.		
EVALUATOR CC [ANY COMMENT REGARDING WH STUDENT ACCC EVALUATOR SIG	One stud Now faci at waist h The firefi coupling OMMENTS: S PRO OR CON HAT THE OMPLISHED] GNATURE:	ent takes the male coupling, the other takes the female coupling. Ing each other, the firefighter with the male coupling holds the male should be notch facing upward. Ighter with the female coupling then aligns higbee indicator with the mand connects the two, turning the female coupling clockwise until tight	hanks rigid nale ht.		

SKILL SHEET 15-3		Uncoupling a Hose: Knee Press			
OBJECTIVE:		NFPA 1001, 4.3.10 & 4.3.15	FEH Chapte	er: 15	
CANDIDATE NA	CANDIDATE NAME/NUMBER: No.:				
TEST DATE/TIME					
EQUIPMENT REQUIRED: [Add local requirements if needed]		Length of hosePPE			
EVALUATOR INS	STRUCTIONS				
CANDIDATE INS	TRUCTIONS:	Student will demonstrate the knee press.			
NOTE: The evalution following exactly the candidate	uator will read the y as it is written to				
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guide	S		
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]			
Critical?				Pass	<mark>Fail</mark>
	Sometim is too tigl maneuve	es when trying to uncouple hose by yourself, you may run into a count to use the standard foot tilt method. In this case, you can use the standard foot tilt method. In this case, you can use the standard foot tilt method.	upling that knee press		
	Bend the shank wi	hose back and drive the male shank into the ground by pushing on th your knee. This compresses the hose gasket.	the female		
	While co swivel by	mpressing the coupling with your knee, reach down and loosen the turning to the left or counterclockwise.	female		
EVALUATOR CC	OMMENTS:				
[ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]					
EVALUATOR SIG	GNATURE:				
STUDENT SIGN	ATURE:				

SKILL SHEET 15-4		Uncoupling a Hose: Two-Firefighter Stiff-Arm Method			
OBJECTIVE:		NFPA 1001, 4.3.10 & 4.3.15	FEH Chapter: 15		
CANDIDATE NAME/NUMBER:			No.:		
TEST DATE/TIME					
EQUIPMENT REQUIRED: [Add local requirements if needed]		Length of hosePPE			
EVALUATOR IN	STRUCTIONS				
CANDIDATE INS		Working as a member of a team, the student will demonstrate the	stiff-arm me	thod for	
NOTE: The evalution following exactly the candidate	lator will read the y as it is written to				
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guide	S		
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]			
Critical?				Pass	Fail
	Both firef which co	ighters take a firm grasp of their couplings and then push toward ea mpresses the hose gasket.	ach other,		
	Then the their cou	y use their body weight, with arm muscles contracted and stiffened, plings to the left or counterclockwise.	and turn		
	Once the female sy	coupling is loose, the firefighter with the female coupling then turns vivel until the hose is uncoupled.	; the		
EVALUATOR CO	OMMENTS:				
[ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]					
EVALUATOR SIG	GNATURE:				
STUDENT SIGN	ATURE:				

SKILL SHEET 15-5 One-Firefighter Co		One-Firefighter Connecting and Disconnecting a Storz Conne	irefighter Connecting and Disconnecting a Storz Connection			
OBJECTIVE:		NFPA 1001, 4.3.10 & 4.3.15	FEH Chapte	er: 15		
CANDIDATE NA	ME/NUMBER:		No.:			
TEST DATE/TIM	E					
EQUIPMENT REQUIRED: [Add local requirements if needed]		Length of LDH with Storz connectionPPE				
EVALUATOR IN	STRUCTIONS					
CANDIDATE INS	TRUCTIONS:	Student will connect and disconnect a Storz connection.				
NOTE: The evalution following exactly the candidate	uator will read the y as it is written to					
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guide	S			
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]				
Critical?				Pass	Fail	
	The Storz connection is a universal connection very common when using large-diameter hose. The ease of coupling between Storz connections are inconsistent due to the condition of the Storz coupling, manufacturer, maintenance level, and whether they are locking or not.					
	The firefi together. Failure to	ghter grabs both couplings, aligns the tabs, and presses the couplin If you are using locking Storz connections, be sure to line up the lo o do this will result in added difficulty during removal.	gs cking tabs.			
	The firefi usually a indicator	ghter then twists the coupling clockwise until the couplings click into quarter of a turn. If the couplings are non-locking, ensure that the li or cut/coupling indicator line up to ensure that the couplings are full	place, ne-up arrow y coupled.			
	To discol twist the set of Sto by hand.	nnect the Storz connection, depress the locking lever on each coupl coupling counterclockwise to disengage the lock. One should alway orz spanners available in the event that the connection is too difficul	ing, and s have a t to remove			
EVALUATOR CO	DMMENTS:					
[ANY COMMENT REGARDING WH STUDENT ACCC	S PRO OR CON IAT THE MPLISHED]					
EVALUATOR SIG	GNATURE:					
STUDENT SIGN	ATURE:					

SKILL SHEET 15-6 Two-Firefighter Connecting and Disconnecting a Storz Connection					
OBJECTIVE:		NFPA 1001, 4.3.10 & 4.3.15	FEH Cha	oter: 15	
CANDIDATE NAI	ME/NUMBER:		No.:		
TEST DATE/TIME					
EQUIPMENT REQUIRED: • Length of LDH with Storz connection [Add local requirements if needed] • PPE					
	STRUCTIONS				
CANDIDATE INS	TRUCTIONS:	Working as a member of a team, the student will connect and disco	onnect a Sto	orz connec	tion.
NOTE: The evalution following exactly the candidate	ator will read the / as it is written to				
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides			
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]			
Critical?				Pass	Fail
	Two firefi together.	ghters each grab a coupling. Lining up the tabs, they press the two c	ouplings		
	The firefiq usually a	ghters then twist the couplings clockwise until the couplings click into quarter of a turn.	place,		
	To discor they are respectiv	nnect the Storz connection, each firefighter grabs a coupling. In the e locking Storz connections, each firefighter depresses the lever on the e coupling to disengage the lock.	vent that ir		
	Each fire disengag	fighter then twists the coupling counterclockwise until the couplings e. That is typically one quarter of a turn.			
EVALUATOR CO	MMENTS:				
[ANY COMMENT REGARDING WH STUDENT ACCO	S PRO OR CON IAT THE MPLISHED]				
EVALUATOR SIG	GNATURE:				
STUDENT SIGNATURE:					

SKILL SHEET 15-7		Replace a Coupling Gasket			
OBJECTIVE:		NFPA 1001, 4.5	FEH Chapter: 15		
CANDIDATE NAME/NUMBER:			No.:		
TEST DATE/TIME					
EQUIPMENT REQUIRED: [Add local requirements if needed]		Hoseline sectionPPE			
EVALUATOR IN	STRUCTIONS				
CANDIDATE INS	TRUCTIONS:	Student will replace a hose gasket.			
NOTE: The evalution following exactly the candidate	uator will read the y as it is written to				
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guide	S		
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]			
Critical?				Pass	Fail
	Inspect a brittle, it s	hose gasket by feeling the gasket with your fingers. If the gasket is should be replaced immediately.	dry or		
	When re	placing a gasket, simply pull the gasket out with your fingers.			
	Take the Take the place.	new gasket, pinch it between your fingers and place the loop into the rest of the gasket and press it into the coupling. The gasket should	ne coupling. pop into		
EVALUATOR CO	OMMENTS:				
[ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]					
EVALUATOR SIG	GNATURE:				
STUDENT SIGN	ATURE:				

SKILL SHEET 15	5-14	Hose Testing			
OBJECTIVE:		NFPA 1001, 5.5.5	FEH Chapte	er: 15	
CANDIDATE NA	ME/NUMBER:		No.:		
TEST DATE/TIM	E				
EQUIPMENT REQUIRED: [Add local requirements if needed]		 Several lengths of hose Engine or hose tester to pressurize hose. Marker PPE 			
EVALUATOR IN	STRUCTIONS				
CANDIDATE INS	TRUCTIONS:	Student will perform hose testing.			
NOTE: The evalution following exactly the candidate	uator will read the y as it is written to				
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guide	S		
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]			
Critical?				Pass	Fail
	The first damage hose sho	thing that needs to be accomplished is a visual inspection of the hose to the couplings, liners, and jackets. If the hose fails the visual inspe- uld be condemned.	se. Look for ection, the		
	Identify th coupled t to test the test.	ne service test pressure. It is possible to test up to a maximum of 30 ogether as long as it has the same service test pressure. Find a safe fire hose, and make sure to wear a helmet and gloves when perfo	00 ft of hose location rming the		
	test. You can use either a fire department pumper or a hose testing machine to provide water and pressure for the test. Make sure the hose-testing machine or fire department pumper is in proper working order. When using a fire department pumper for the hose testing, a gate valve should be used with a 1/4-in. hole drilled into it. During the high- pressure portion of the test, the gate valve is closed, so if a length of hose fails, it will also not produce an extremely wild line				
	Begin by around. ∃ or movec coupling	laying out the hose to be tested. Mark the coupling connections all hese markings are used after the test to determine if the hose has at its connection to the coupling. The perpendicular line that crosse is there to make sure the hose did not twist in the coupling during te	the way slipped out es onto the esting.		
	Once the layout wi supply er case of ra machine addition,	test markings at all couplings have been made, cap the last male in the either a special bleeder cap or a nozzle. Make sure both the nozz and of the test hose have been secured to reduce the chance of a will apid hose failure. The female coupling at the pump panel or the hos can be secured to the eyelet of the pump or hose tester, using rope the nozzle or bleeder cap at the end of the hoseline is also secured	n the test de end and d line in the e-testing d. In with rope.		
	Once the	hose has been secured, charge the hose to 50 psi and bleed the a	ir out of the		

	line. Onc This is do addresse hose, or a continue problem	e all of the air is bled off, close the nozzle or bleeder cap and check the hose. one while maintaining 50 psi. Any simple leaks at couplings at this time can be d by tightening them with spanner wrenches. If leaks are discovered in the at the shanks of a coupling at the hose connection, the hose has failed. Do not with the test. Remove the failed section, or sections, of hose and record the for repair. If it is not repairable, condemn the hose and cut off both couplings.	
	Hose tha pressure per 100 f stabilizati constant	t has passed this initial 50-psi test and check is now brought to the full service in a controlled manner. Once test pressure has been reached, allow 1 minute t of hose to a maximum of 3 minutes for the pressure to stabilize. This on period is not needed if using a fire pump, because the hose is under supply through the 1/4-in. hole in the test gate valve.	
	Once the additiona staying a determin- end of the because failure it i During th length of documen section.	pressure has stabilized, the service test pressure shall be held for an I 3 minutes. During this time, visually inspect the hose carefully, with caution, t least 15 ft away from the hose on the left side. The left side of the hose is ed by facing away from the pumping source. Never stand in front of the free e hose, on the right side, or closer than 15 ft. The reason the left side is safer is fire hose is constructed in such a manner that typically during catastrophic s more likely to rapidly move to the right. e service test, if a length of hose bursts, the test must be terminated. The burst hose must be removed from the test layout and properly handled, ted, and tagged. Then the test should be repeated without the damaged	
	After a su source. T signs of h the hose placed in taken ver	inccessful test, the pressure should be brought down to equalize with the then the tested hose should be drained and coupling markings examined for nose slippage. If no slippage has occurred and no leaks were observed, then has passed its annual service test. It should be properly documented and then to service. Service testing of hose, and hose records, are critical and should be y seriously by all members.	
EVALUATOR CO [ANY COMMENT REGARDING WH STUDENT ACCO	DMMENTS: TS PRO OR CON HAT THE DMPLISHED]		
EVALUATOR SIG	GNATURE:		
STUDENT SIGN	ATURE:		

SKILL SHEET 15	5-16	Marking Defective Hose			
OBJECTIVE:		NFPA 1001, 4.5.2	FEH Chapte	er: 15	
CANDIDATE NA	ME/NUMBER:		No.:		
TEST DATE/TIM	E				
EQUIPMENT RE [Add local requin	QUIRED: rements if needed]	HoseTag to mark hosePermanent marker			
EVALUATOR IN	STRUCTIONS				
CANDIDATE INS	TRUCTIONS:	Student will demonstrate marking a defective hose.			
NOTE: The evalution following exactly the candidate	uator will read the y as it is written to				
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides	S		
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]			
Critical?		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]		Pass	Fail
Critical?	To denot female e	[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL] e a length of hose as being out of service, straight roll the hose start nd, with the male end out.	ting at the	Pass	Fail
Critical?	To denot female e Using a t taken ou	[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL] e a length of hose as being out of service, straight roll the hose start nd, with the male end out. ag, label the hose as defective and notify the officer that the hose ha	ting at the as been	Pass	Fail
Critical?	To denot female e Using a t taken ou DMMENTS:	[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL] e a length of hose as being out of service, straight roll the hose start nd, with the male end out. ag, label the hose as defective and notify the officer that the hose ha	ting at the as been	Pass	Fail
Critical? EVALUATOR CO [ANY COMMENT REGARDING WH STUDENT ACCO	To denot female e Using a t taken ou DMMENTS: S PRO OR CON HAT THE DMPLISHED]	[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL] e a length of hose as being out of service, straight roll the hose start nd, with the male end out. ag, label the hose as defective and notify the officer that the hose ha	ting at the as been	Pass	Fail
Critical? EVALUATOR CO [ANY COMMENT REGARDING WH STUDENT ACCO EVALUATOR SIG	To denot female e Using a t taken out DMMENTS: S PRO OR CON HAT THE DMPLISHED] GNATURE:	[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL] e a length of hose as being out of service, straight roll the hose start nd, with the male end out. ag, label the hose as defective and notify the officer that the hose ha	ting at the as been	Pass	Fail

SKILL SHEET 15	5-10	Using a Standard Hose Clamp			
OBJECTIVE:		NFPA 1001, 4.3.10 & 4.3.15	FEH Chapte	er: 15	
CANDIDATE NA	ME/NUMBER:		No.:		
TEST DATE/TIM	E				
EQUIPMENT RE [Add local requi	QUIRED: rements if needed]	 Length of hose Engine or Hydrant to pressurize hose. Standard Hose Clamp PPE 			
EVALUATOR IN	STRUCTIONS				
CANDIDATE INS	STRUCTIONS:	Student will demonstrate a standard hose clamp.			
NOTE: The evalution following exactly the candidate	uator will read the y as it is written to				
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides			
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]			
Critical?				Pass	<mark>Fail</mark>
	Open the	hose clamp and place on the hose.			
	Press do	wn on the lever, engaging the clamp, until the clamp is fully closed.			
	To remov it or put y	ve the hose clamp, make sure to stand to the side of the clamp. Do no our head in the path of the clamp handle. It is under extreme pressur	ot straddle re.		
	While pu remove t	tting pressure on the handle, slowly release the pressure from the hoshe clamp.	se, then		
EVALUATOR CO	DMMENTS:				
[ANY COMMENT REGARDING WI STUDENT ACCO	TS PRO OR CON HAT THE DMPLISHED]				
EVALUATOR SI					
LVALUATOR ON	GNATURE:				

SKILL SHEET 1	5-12	Field Hose Clamp Maneuver			
OBJECTIVE:		NFPA 1001, 4.3.10 & 4.3.15	FEH Chapte	er: 15	
CANDIDATE NA	ME/NUMBER:		No.:		
TEST DATE/TIM	E				
EQUIPMENT RE [Add local requi	QUIRED: rements if needed]	 Length of hose Engine or Hydrant to pressurize hose. PPE 			
EVALUATOR IN	STRUCTIONS				
CANDIDATE INS	STRUCTIONS:	Student will demonstrate a field hose clamp maneuver.			
NOTE: The evalution following exactly the candidate	uator will read the y as it is written to				
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides	5		
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]			
Critical?				Pass	<mark>Fail</mark>
	To perfo	rm the field hose clamp maneuver, create a loop in the hose.			
	Using yo	ur body weight, press down on the loop to flatten it, restricting the wa	ater flow.		
EVALUATOR CO [ANY COMMENT REGARDING WI STUDENT ACCO	DMMENTS: IS PRO OR CON HAT THE DMPLISHED]				
EVALUATOR SI	GNATURE:				
STUDENT SIGN	ATURE:				

SKILL SHEET 15	5-9	Using a Screw-Down Hose Clamp		
OBJECTIVE:		NFPA 1001, 4.3.10 & 4.3.15	Chapter: 15	
CANDIDATE NA	ME/NUMBER:	No.:		
TEST DATE/TIMI	E			
EQUIPMENT REI [Add local requir	QUIRED: rements if needed]	 Length of hose Engine or Hydrant to pressurize hose. Screw-Down Hose Clamp PPE 	ant to pressurize hose. ose Clamp	
EVALUATOR INS	STRUCTIONS			
CANDIDATE INS	TRUCTIONS:	Student will demonstrate a screw-down hose clamp.		
NOTE: The evalution following exactly the candidate	uator will read the y as it is written to			
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides		
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]		
Critical?			Pass	Fail
	During st evolution	ructural firefighting operations, hose clamps are often used in water supply s before water is flowing. This allows the hydrant firefighter to complete hydrant firefighter to complete hydr	drant	
	tasks and	d to be released from the hydrant.	uranı	
	tasks and Open up	the hose clamp and place the hose inside. Close the clamp.		
	tasks and Open up Twist the has beer	the hose clamp and place the hose inside. Close the clamp. handle clockwise to press the clamp down on the hose, until the water flow blocked.	V	
	tasks and Open up Twist the has been To remov restore w	d to be released from the hydrant. the hose clamp and place the hose inside. Close the clamp. handle clockwise to press the clamp down on the hose, until the water flow blocked. we the screw-down hose clamp, simply twist the handle counterclockwise to vater flow, and remove the clamp from the hose.	V	
EVALUATOR CC	tasks and Open up Twist the has beer To remov restore w	d to be released from the hydrant. the hose clamp and place the hose inside. Close the clamp. handle clockwise to press the clamp down on the hose, until the water flow blocked. ve the screw-down hose clamp, simply twist the handle counterclockwise to vater flow, and remove the clamp from the hose.	V	
EVALUATOR CC [ANY COMMENT REGARDING WH STUDENT ACCO	tasks and Open up Twist the has beer To remov restore w DMMENTS: TS PRO OR CON HAT THE DMPLISHED]	d to be released from the hydrant. the hose clamp and place the hose inside. Close the clamp. handle clockwise to press the clamp down on the hose, until the water flow blocked. ve the screw-down hose clamp, simply twist the handle counterclockwise to vater flow, and remove the clamp from the hose.	V	
EVALUATOR CC [ANY COMMENT REGARDING WH STUDENT ACCO EVALUATOR SIG	tasks and Open up Twist the has beer To remover restore we DMMENTS: TS PRO OR CON HAT THE DMPLISHED] GNATURE:	d to be released from the hydrant. the hose clamp and place the hose inside. Close the clamp. handle clockwise to press the clamp down on the hose, until the water flow blocked. ve the screw-down hose clamp, simply twist the handle counterclockwise to vater flow, and remove the clamp from the hose.	V	

SKILL SHEET 16	5-11	Setting Up a Portable Master Stream Device		
OBJECTIVE:		NFPA 1001, 4.3.10 & 4.3.15	napter: 16	
CANDIDATE NA	ME/NUMBER:	No.:		
TEST DATE/TIM	E			
EQUIPMENT RE [Add local requin	QUIRED: rements if needed]	 Portable Master Stream Apparatus PPE Hose 		
EVALUATOR IN	STRUCTIONS			
CANDIDATE INS	TRUCTIONS:	Working as a team students shall set up a portable master stream device		
NOTE: The evalution following exactly the candidate	uator will read the y as it is written to			
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides		
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]		
Critical?			Pass	Fail
	First remove the mo monitor with two inle	onitor from the apparatus and position where it will be used. When using a ets, position the monitor inlets so that they are facing forward, toward the fir	e.	
	Stretch a sufficient l	ength of hose from the pumper discharges to the monitor inlets.		
	Cross the hose in fr the hose coming fro	ont of the monitor so the hose coming from the left goes into the right inlet a m the right goes into the left inlet.	and	
	Where the hose len webbing to provide	gths cross over one another, tie them together with a rope, hose strap, or additional stability.		
	Some master strear sure to adequately a	n devices use only one supply hose, such as this device. In this situation, n anchor the device with an anchor strap.	nake	
	Once the hose is co open the discharges	onnected to the inlets and the monitor is secured, notify the pump operator ts in a slow and deliberate manner to avoid water hammer.	0	
	Upon charging the I	ine, closely monitor the master stream monitor and adjust as needed.		
EVALUATOR CO	OMMENTS:			_
[ANY COMMENT REGARDING WH STUDENT ACCC	'S PRO OR CON IAT THE MPLISHED]			
EVALUATOR SIG	GNATURE:			
STUDENT SIGN	ATURE:			

SKILL SHEET 15	5-15	Straight Roll			
OBJECTIVE:		NFPA 1001, 4.5.2	FEH Chapter	r: 15	
CANDIDATE NA	ME/NUMBER:		No.:		
TEST DATE/TIM	E				
EQUIPMENT RE [Add local requin	QUIRED: rements if needed]	Length of hose PPE			
EVALUATOR IN	STRUCTIONS				
CANDIDATE INS	TRUCTIONS:	Student will perform a straight roll.			
NOTE: The evalution following exactly the candidate	uator will read the y as it is written to) D			
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guide	es		
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]			
Critical?				Pass	<mark>Fail</mark>
	Start at c coupling. If you are	ne coupling and roll the hose along the ground until you get to the If you are rolling a hose that is to remain in service, start at the ma e rolling a hose to be placed out of service, start at the female coup	other ale coupling. bling.		
EVALUATOR CO	DMMENTS:				
[ANY COMMENT REGARDING WH STUDENT ACCC	'S PRO OR CON IAT THE MPLISHED]				
EVALUATOR SIG	GNATURE:				
STUDENT SIGN	ATURE:				

SKILL SHEET 15	5-25	Donut Roll			
OBJECTIVE:		NFPA 1001, 4.5.2	FEH Chapte	er: 15	
CANDIDATE NA	ME/NUMBER:		No.:		
TEST DATE/TIM	E				
EQUIPMENT RE [Add local requin	QUIRED: rements if needed]	Length of hosePPE			
EVALUATOR IN	STRUCTIONS				
CANDIDATE INS	TRUCTIONS:	Student will create a donut roll			
NOTE: The evalution following exactly the candidate	uator will read the y as it is written to				
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides	S		
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]			
Critical?				Pass	Fail
Critical?	The simp pulling th	le donut roll is made by folding a length of hose over itself in half an e male coupling back from the female coupling approximately 3 ft.	nd then	Pass	Fail
Critical?	The simp pulling th Roll the h finishes o This don band. Th	ble donut roll is made by folding a length of hose over itself in half an e male coupling back from the female coupling approximately 3 ft. mose toward the male and female couplings. The male coupling end on the inside of the female coupling, which will result in protecting the ut roll is easily secured by a large cut piece of truck tire inner tube or e donut roll is also commonly put in bags called hose packs.	of the hose e threads. r elastic	Pass	Fail
Critical? EVALUATOR CC	The simp pulling th Roll the H finishes o This don band. Th DMMENTS:	Ne donut roll is made by folding a length of hose over itself in half an e male coupling back from the female coupling approximately 3 ft. hose toward the male and female couplings. The male coupling end on the inside of the female coupling, which will result in protecting the ut roll is easily secured by a large cut piece of truck tire inner tube or e donut roll is also commonly put in bags called hose packs.	nd then of the hose e threads. r elastic	Pass	Fail
Critical? EVALUATOR CO [ANY COMMENT REGARDING WH STUDENT ACCO	The simp pulling th Roll the H finishes of This don band. Th DAMENTS: TS PRO OR CON HAT THE DMPLISHED]	le donut roll is made by folding a length of hose over itself in half an e male coupling back from the female coupling approximately 3 ft. nose toward the male and female couplings. The male coupling end on the inside of the female coupling, which will result in protecting the ut roll is easily secured by a large cut piece of truck tire inner tube or e donut roll is also commonly put in bags called hose packs.	of the hose e threads. r elastic	Pass	Fail
Critical? EVALUATOR CO [ANY COMMENT REGARDING WH STUDENT ACCO EVALUATOR SIG	The simp pulling th Roll the H finishes of This don band. Th DMMENTS: TS PRO OR CON HAT THE DMPLISHED] GNATURE:	le donut roll is made by folding a length of hose over itself in half an e male coupling back from the female coupling approximately 3 ft. nose toward the male and female couplings. The male coupling end on the inside of the female coupling, which will result in protecting the ut roll is easily secured by a large cut piece of truck tire inner tube or e donut roll is also commonly put in bags called hose packs.	of the hose e threads. r elastic	Pass	Fail

SKILL SHEET 15	5-18	Minuteman Load	
OBJECTIVE:		NFPA 1001, 4.5.2	FEH Chapter: 15
CANDIDATE NA	ME/NUMBER:		No.:
TEST DATE/TIM	E		
EQUIPMENT RE [Add local requin	QUIRED: rements if needed]	Four lengths of hoseEngine or hose bed propPPE	
EVALUATOR IN	STRUCTIONS		
CANDIDATE INS	TRUCTIONS:	Student will create a minuteman load.	
NOTE: The evalution following exactly the candidate	uator will read the y as it is written to		
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guide	S
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	
Critical?			Pass Fail
	Load 200-ft 1 ¾"-in. discharge, then con loop just shy of 50'	attack minuteman load, start by connecting the first 50-ft length to t necting an additional 50' length. Flat load these two lengths, leaving and finish by moving the last tail of hose to the side.	he proper g a grab
	Now, join the remain end. Then,-place the hose, facing toward	ning two lengths together, forming a 100-ft length, place a nozzle on e nozzle in the preconnected bed on top of the previously loaded ler the direction of pull.	n the male ngths of
	Once the nozzle is	placed, simply flat-load the rest of the 100-ft length on top of the noz	zzle.
	Once the nozzle is Once all of the 100- from the first length	blaced, simply flat-load the rest of the 100-ft length on top of the noz	zzle.
EVALUATOR CO	Once the nozzle is Once all of the 100- from the first length	blaced, simply flat-load the rest of the 100-ft length on top of the noz ft length of hose is loaded, couple the female coupling to the male c	zzle.
EVALUATOR CO [ANY COMMENT REGARDING WH STUDENT ACCO	Once the nozzle is Once all of the 100- from the first length OMMENTS: S PRO OR CON HAT THE OMPLISHED]	placed, simply flat-load the rest of the 100-ft length on top of the noz ft length of hose is loaded, couple the female coupling to the male c	zzle.
EVALUATOR CO [ANY COMMENT REGARDING WH STUDENT ACCO EVALUATOR SIG	Once the nozzle is Once all of the 100- from the first length DMMENTS: TS PRO OR CON HAT THE DMPLISHED] GNATURE:	placed, simply flat-load the rest of the 100-ft length on top of the noz ft length of hose is loaded, couple the female coupling to the male c	zzle.

SKILL SHEET 13	3-19	Climbing a Portable Ladder with an Uncharged Hoseline			
OBJECTIVE:		NFPA 1001, 4.3.10	FEH Chapte	er: 13	
CANDIDATE NA	ME/NUMBER:		No.:		
TEST DATE/TIM	E				
EQUIPMENT RE [Add local requin	QUIRED: rements if needed]	 Metal Ladder 1 ³⁄₄" Uncharged Hoseline PPE 			
EVALUATOR IN	STRUCTIONS				
CANDIDATE INS NOTE: The evalu following exactly the candidate	STRUCTIONS: uator will read the y as it is written to	Working as a member of a team, the students shall demonstrate climbing a portable la with a 1 ¾" uncharged hoseline.		table ladd	ler
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guide	S		
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]			
Critical?				Pass	Fail
	Make su deployed	re there is sufficient hose at or near the base of the ladder to ensure smoothly.	e that it is		
	A firefigh another f positione	ter should be positioned at the base of the ladder to feed the hose u irefighter climbs. If it is a long stretch, a third firefighter may need to d in the middle of the climb.	ıp as be		
	The climi the oppo	bing firefighter should place the nozzle and hose under one shoulde site shoulder, with about 2 to 3 ft of hose extending over the back.	er and over		
The firefighter at the base of the ladder positions the fire hose on one shoulder on the side the hose is being raised. The hose should have some slack in it and form a small loop off to the side of the ladder; this prevents firefighters from being pulled off the ladder. Hose is fed from the ground at a pace equal to the pace of the climbing firefighter.					
EVALUATOR CO	DMMENTS:			-	
[ANY COMMENT REGARDING WH STUDENT ACCO	TS PRO OR CON HAT THE DMPLISHED]				
EVALUATOR SIG	GNATURE:				
STUDENT SIGN	ATURE:				

SKILL SHEET 16	5-8	Advancing an Uncharged Line Up and Down a Stairway			
OBJECTIVE:		NFPA 1001, 4.3.10 & 4.3.15	FEH Chapte	er: 16	
CANDIDATE NA	ME/NUMBER:		No.:		
TEST DATE/TIM	E				
EQUIPMENT RE [Add local requin	QUIRED: rements if needed]	 1 ¾" Hoseline Engine PPE 	I		
EVALUATOR INS	STRUCTIONS				
CANDIDATE INS NOTE: The evalu following exactly the candidate	TRUCTIONS: Jator will read the y as it is written to	Student shall demonstrate how to advance a 1 ³ / ₄ " uncharged line up and down a stairwa		a stairwa	у.
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guide	S		
Critical?				Pass	Fail
	Remove hoseline	the hoseline from the apparatus in an approved manner and flake o up the stairs.	ut the		
	Place the is charge	e hoseline on the outsides of the stairs to help alleviate kinking wher d.	the hose		
	Stage ho	se in the stairwell above the floor. Call for water and bleed the line.			
	When re uncharge	moving the hose, if safety permits, the line can be bled and removed ed line.	d as an		
	To advar apparatu	nce an uncharged line down a stairway, first remove the hoseline fro s in an approved manner and flake out the hoseline down the stairs	m the		
	Place the is charge	e hoseline on the outsides of the stairs to help alleviate kinking wher d.	the hose		
	Stage ho	se on the landing Call for water and bleed the line.			
	When re uncharge	moving the hose, if safety permits, the line can be bled and removed ad line.	l as an		
EVALUATOR CC [ANY COMMENT REGARDING WH STUDENT ACCC	DMMENTS: S PRO OR CON IAT THE DMPLISHED]				
EVALUATOR SIG	GNATURE:				
STUDENT SIGN	ATURE:				

SKILL SHEET 1	6-9	Advancing a Charged Line Up and Down a Stairway			
OBJECTIVE:		NFPA 1001, 4.3.10 & 4.3.15	FEH Chapte	er: 16	
CANDIDATE NA	ME/NUMBER:		No.:		
TEST DATE/TIM	E				
EQUIPMENT RE [Add local requi	QUIRED: rements if needed]	 1 ¾" Hoseline Engine PPE 			
EVALUATOR IN	STRUCTIONS				
CANDIDATE INS NOTE: The eval following exact the candidate	STRUCTIONS: uator will read the y as it is written to	Students shall demonstrate how to advance a 1 ³ / ₄ " charged line up and down a stairwate to		ı stairway	<i>'</i> .
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides	5		
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]			
Critical?				Pass	<mark>Fail</mark>
	When ad in an app	vancing a charged line up a stairwell, remove the hoseline from the a proved manner and flake out the hoseline outside of the structure.	apparatus		
	After ens fashion,	uring that the entire hose team is ready, advance up the stairs in a s staying to the outside of the stairs, to minimize kinks in the corners.	iteady		
	When av	ailable, have extra personnel manage the hoseline on the corners.			
	When ad apparatu	vancing a charged line down a stairwell, remove the hoseline from the sin an approved manner and flake out the hoseline outside of the st	ne ructure.		
	After ens steady fa	uring that the entire hose team is ready, advance down the stairs in a shion.	a swift and		
	Stay low kinks on	to minimize head exposure and stay to the outside of the stairs to m the corners.	inimize		
	When av	ailable, have extra personnel manage the hoseline on the corners.			
EVALUATOR CO	DMMENTS: IS PRO OR CON HAT THE DMPLISHED]				
EVALUATOR SI STUDENT SIGN					
[ANY COMMENT REGARDING WI STUDENT ACCO EVALUATOR SI	TS PRO OR CON HAT THE DMPLISHED] GNATURE:				

SKILL SHEET 16	5-12	Well Hole Stretch			
OBJECTIVE:		NFPA 1001, 4.3.10 & 4.3.15	FEH Chapte	er: 16	
CANDIDATE NA	ME/NUMBER:		No.:		
TEST DATE/TIM	E				
EQUIPMENT RE [Add local requin	QUIPMENT REQUIRED: • Apparatus Add local requirements if needed] • PPE • Hose				
EVALUATOR IN	STRUCTIONS				
CANDIDATE INS	TRUCTIONS:	Student will perform the well hole stretch.			
NOTE: The evalution following exactly the candidate	uator will read the y as it is written to	vill read the is written to			
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides	5		
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]			
Critical?				Pass	Fail
	The nozzle firefighte The nozzle firefighte well hole.	er drops the length of hose brought into the building at the base of the er now proceeds up the stairs with the nozzle allowing the hose to fee	e stairs. ed up the		
	The second firefight	er will proceed up the stairs to assist with the stretch.			
	Additional hose may	be brought to the base of the stairs by other team members.			
	Once sufficient hose into the well hole whether the set of the set	e has been hauled up the line must be secured to prevent the hose fr nen charged.	rom falling		
EVALUATOR CO	DMMENTS:				
[ANY COMMENT REGARDING WI STUDENT ACCC	'S PRO OR CON HAT THE DMPLISHED]				
EVALUATOR SIG	GNATURE:				

SKILL SHEET 16	5-13	Loop Method			
OBJECTIVE:		NFPA 1001, 4.3.10 & 4.3.15	FEH Chapter	r: 16	
CANDIDATE NA	ME/NUMBER:		No.:		
TEST DATE/TIM	E				
EQUIPMENT RE [Add local requine	QUIRED: rements if needed]	ApparatusPPEHose			
EVALUATOR IN	STRUCTIONS				
CANDIDATE INS	STRUCTIONS:	Student will perform the loop method.			
NOTE: The evalution following exactly the candidate	uator will read the y as it is written to				
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guide	es		
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]			
	7				
Critical?				Pass	Fail
Critical?	The nozzle firefighte	er and backup firefighter lead the way.		Pass	Fail
Critical?	The nozzle firefighte The firefighter near creating a loop in th	er and backup firefighter lead the way. the doorway lifts the hose above their head and makes a twist, the e hose.	ereby	Pass	Fail
Critical?	The nozzle firefighte The firefighter near creating a loop in th As more hose is cal backward.	er and backup firefighter lead the way. the doorway lifts the hose above their head and makes a twist, the e hose. led for the loop is rolled forward. If the team backs up the hose is r	reby rolled	Pass	Fail
Critical?	The nozzle firefighte The firefighter near creating a loop in th As more hose is cal backward.	er and backup firefighter lead the way. the doorway lifts the hose above their head and makes a twist, the e hose. led for the loop is rolled forward. If the team backs up the hose is r	reby rolled	Pass	Fail
Critical? EVALUATOR CO [ANY COMMENT REGARDING WH STUDENT ACCO	The nozzle firefighte The firefighter near creating a loop in th As more hose is cal backward. DMMENTS: TS PRO OR CON HAT THE DMPLISHED]	er and backup firefighter lead the way. the doorway lifts the hose above their head and makes a twist, the e hose. led for the loop is rolled forward. If the team backs up the hose is r	reby	Pass	Fail
Critical? EVALUATOR CO [ANY COMMENT REGARDING WH STUDENT ACCO EVALUATOR SIG	The nozzle firefighter The firefighter near creating a loop in th As more hose is cal backward. DMMENTS: TS PRO OR CON HAT THE DMPLISHED] GNATURE:	er and backup firefighter lead the way. the doorway lifts the hose above their head and makes a twist, the e hose. led for the loop is rolled forward. If the team backs up the hose is r	reby	Pass	Fail

SKILL SHEET 16-10		Standpipe Operations			
OBJECTIVE:		NFPA 1001, 4.3.10 & 4.3.15	FEH Chapter: 16		
CANDIDATE NAME/NUMBER:			No.:		
TEST DATE/TIME					
EQUIPMENT REQUIRED: [Add local requirements if needed]		 High rise pack 2 ½" hose Standpipe PPE 			
EVALUATOR INSTRUCTIONS					
CANDIDATE INSTRUCTIONS:		Working as a team the students shall set up an attack line from a standpipe.			
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 Guide	S		
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]			
Critical?				Pass	Fail
	Locate a	standpipe in the stairwell, one floor below the fire floor.			
Check the		at all pressure-reduction devices have been removed from the standpipe.			
Attach the		e female fitting of your hose bundle to the male fitting on the standpipe.			
Flake out		t the appropriate hose length, advancing it to the door of the fire floo	or.		
	Charge a	and bleed the line prior to entering the fire floor.			
EVALUATOR COMMENTS:				<u>.</u>	1
[ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]					
EVALUATOR SIGNATURE:					
STUDENT SIGNATURE:					