

Candidate: _____

Date: _____

ID#: _____

Skill Drill 23-1

Fire Fighter II, 5.3.2

Coordinating an Interior Attack

Evaluator Instructions: The candidate shall be provided with full personal protective equipment (PPE), self-contained breathing apparatus (SCBA), personal alert safety system (PASS), pre-connected hose line or a master stream appliance, small handline, nozzle, and water.

Task: Coordinating an interior fire attack.

Performance Outcome: The candidate shall be able to coordinate an interior fire attack.

Candidate Directive: "Properly coordinate an interior fire attack."

No.	Task Steps	First Test		Retest	
		P	F	P	F
1.	Don full personal protective equipment (PPE), including self-contained breathing apparatus (SCBA). Report to the IC, check into the personnel accountability system, and proceed to work as a team. Perform size-up and give an arrival report. Call for additional resources if needed.				
2.	Ensure that an adequate water supply and appropriate backup resources are available. Select the appropriate attack technique. Communicate the attack technique to the team.				
3.	Maintain constant crew integrity at all times. Monitor air supply and notify command of changing fire or smoke conditions.				
4.	Coordinate fire attack, ventilation, and search and rescue operations.				
5.	Ensure complete extinguishment of the fire during overhaul. Exit the hazard area, account for all members of the team, and report to incident command.				

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Skill Drill 23-2

Fire Fighter II, 5.3.3

Suppressing a Flammable Gas Cylinder Fire

Evaluator Instructions: The candidate shall be provided with full personal protective equipment (PPE), pre-connected hose line or a master stream appliance, two 1¾-in. (45-mm) hose lines, nozzles, and water.

Task: Suppressing a flammable gas cylinder fire.

Performance Outcome: The candidate shall demonstrate the ability to properly suppress a flammable gas cylinder fire.

Candidate Directive: “Properly suppress a flammable gas cylinder fire.”

No.	Task Steps	First Test		Retest	
		P	F	P	F
1.	Using a straight stream, cool the tank from as far away as possible until the pressure relief valve resets.				
2.	Wearing full PPE, two teams of fire fighters, using a minimum of two 1¾-in. (45-mm) hose lines, advance towards the side of the tank. Do not approach the tank from either end. The team leader should be located between the two nozzle persons. The leader coordinates the advance towards the cylinder.				
3.	Gradually adjust the nozzles to a wide fog pattern as you approach the side of the tank. Make sure the fog streams overlap as you reach the tank.				
4.	When the cylinder is reached, the two nozzle teams isolate the discharge valve from the fire with their fog streams while the leader closes the discharge valve, eliminating the fuel source.				
5.	After the burning gas is extinguished, the fire fighters continue to apply water to the cylinder to cool the metal, with the goal of preventing tank failure and a subsequent BLEVE.				
6.	As cooling continues, fire fighters slowly back away from the cylinder while adjusting the nozzles to a straight stream as they retreat.				

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Skill Drill 23-3

Fire Fighter II, 5.3.1

Operating an In-Line Foam Eductor

Evaluator Instructions: The candidate shall be provided with an attack line, air aspirating nozzle, foam concentrate, foam eductor, and gloves.

Task: Placing a foam line in service.

Performance Outcome: The candidate shall demonstrate the ability to place a foam line in service.

Candidate Directive: "Properly place a foam line into service."

No.	Task Steps	First Test		Retest	
		P	F	P	F
1.	Don all PPE. Make sure all necessary equipment is available, including an in-line foam eductor and the correct nozzle. Ensure that enough foam concentrate is available to suppress the fire. Deploy an attack line, remove the nozzle, and replace it with the foam nozzle.				
2.	Place the foam concentrate container next to the eductor, check the percentage at which the foam concentrate should be used (found on container label), and set the metering device on the eductor accordingly.				
3.	Place the in-line eductor in the hose line according to the manufacturer's instructions and your department's SOPs.				
4.	Place the pickup tube from the eductor into the foam concentrate, keeping both items at similar elevations to ensure sufficient induction of foam concentrate. Charge the hose line with water per your department SOPs or as directed by the manufacturer.				
5.	Flow water through the hose line until foam starts to come out of the nozzle. The hose line is now ready to be advanced onto the fuel. Apply foam using one of the three application methods (roll-in method, bounce-off method, or rain-down method) depending on the situation.				
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Skill Drill 23-4

Fire Fighter II, 5.3.1

Performing the Rain-Down Method of Applying Foam

Evaluator Instructions: The candidate shall be provided with a foam line, air aspirating nozzle, and full personal protective equipment.

Task: Rain-down method of applying foam.

Performance Outcome: The candidate shall use the rain-down method to apply foam.

Candidate Directive: "Properly use the rain-down method to apply foam."

No.	Task Steps	First Test		Retest	
		P	F	P	F
1.	Open the nozzle and test to ensure that foam is being produced.				
2.	Move within a safe range of the fuel product or tank, and open the nozzle.				
3.	Direct the stream of foam into the air so that the foam gently falls onto the surface of the fuel product or tank.				
4.	Allow the foam to flow across the surface of the fuel product or tank until it is completely covered.				

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Skill Drill 23-5

Fire Fighter II, 5.3.1

Performing the Roll-In Method of Applying Foam					
Evaluator Instructions: The candidate shall demonstrate the roll-in method of applying foam. The drill begins after the proper amount of hose is deployed and the foam deployment apparatus is in place (nozzles, foam educators, etc.).					
Task: Correctly perform the roll-in method of applying foam.					
Performance Outcome: The candidate shall be able to correctly perform the roll-in method of applying foam.					
Candidate Directive: "Correctly perform the roll-in method of applying foam."					
No.	Task Steps	First Test		Retest	
		P	F	P	F
1.	Open the nozzle and test to ensure that foam is being produced. Move within a safe range of the fuel product or tank, and open the nozzle. Direct the stream of foam onto the ground just in front of the pool of product.				
2.	Allow the foam to roll across the top of the pool of the fuel product or tank until it is completely covered.				
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Skill Drill 23-6

Fire Fighter II, 5.3.1

Performing the Bounce-Off Method of Applying Foam					
Evaluator Instructions: The candidate shall demonstrate the bounce-off method of applying foam. The drill begins after the proper amount of hose is deployed and the foam deployment apparatus is in place (nozzles, foam educators, etc.).					
Task: Correctly perform the bounce-off method of applying foam.					
Performance Outcome: The candidate shall be able to correctly perform the bounce-off method of applying foam.					
Candidate Directive: "Correctly perform the bounce-off method of applying foam."					
No.	Task Steps	First Test		Retest	
		P	F	P	F
1.	Open the nozzle and test to ensure that foam is being produced.				
2.	Move within a safe range of the fuel product or tank, and open the nozzle. Direct the stream of foam onto a solid structure such as a wall or metal tank so that the foam is directed off the object and onto the pool of product or tank.				
3.	Allow the foam to flow across the top of the pool of product or tank until it is completely covered. Be aware that the foam may need to be bounced off several areas of the solid object to extinguish the burning product.				
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Skill Drill 23-7

Fire Fighter II, 5.5.5

Performing an Annual Service Test on a Fire Hose

Evaluator Instructions: The candidate shall be provided with the following: PPE, fully equipped fire department pumper with hose, hose testing equipment, stopwatch, copy of NFPA 1962, departmental procedure for service testing hose, and departmental records.

Task: Performing an annual service test on a fire hose as part of a team.

Performance Outcome: The candidate shall be able to operate hose testing equipment and nozzles and record results.

Candidate Directive: “Perform an annual service test on a fire hose as part of a team.”

No.	Task Steps	First Test		Retest	
		P	F	P	F
1.	Don turnout gear. Connect up to 300 ft (91 m) of hose to a hose test gate valve on the discharge valve of a fire department pumper or hose tester.				
2.	Attach a nozzle to the end of each hose. Slowly fill each hose with water at 50 psi (345 kPa), and remove kinks and twists in the hose.				
3.	Open the nozzles to purge air from the hose, discharging the water away from the test area. Close the nozzles once the air is purged. Measure and record the length of each section of hose.				
4.	Mark the position of each hose coupling on the hose. This will help determine if slippage occurs during the test (Step 7). Check each coupling for leaks. If leaks are found behind the coupling, remove the hose from service. If the leak is in front of the coupling, tighten the leaking coupling. If the leak continues, replace gaskets if necessary after shutting down the hose line.				
5.	Close each hose test gate valve.				
6.	Ensure that all fire fighters are clear of the test area. Increase the pressure on the hose to the pressure required by NFPA 1962, and maintain that pressure for 5 minutes. Monitor the hose and couplings for leaks as the pressure increases during the test. Close the gate valves and open the nozzles to bleed off the pressure. Uncouple and drain the hose.				
7.	Inspect the marks placed on the hose jacket near the couplings to determine whether slippage occurred.				
8.	Tag hose that failed.				
9.	Mark hose that passed. Record the results in the departmental logs.				
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