

Skill Set: General Requirements - Incident Command Tasks & Communications

Reference: NFPA 1001, 2019 Edition - Chapter 5, Section 5.1.2 - Determine the Need for Command

Candidate Equipment Required: Complete NFPA-Compliant Personal Protective Clothing Ensemble

Evaluator Equipment Required: Scenario Images

Evaluator’s Instructions to the Candidate

At this station, you will be provided 1 of 3 scenarios to demonstrate establishing Incident Command and perform the following duties: Scene size-up, Transmitting the arrival report to dispatch, and Transferring Command to an Incoming Officer. I will act as both the Dispatcher and the Incoming Officer to whom you will eventually transfer command.

Candidate MUST successfully be competent in each of the steps listed to pass this skill station.

No.	Evaluated Skill Items	First Time		Retest	
		Pass	Fail	Pass	Fail
1.	Establish Incident Command. a. Identify acting Incident Commander. b. Announce scene location and unit taking Command.				
2.	Conduct a size-up of the incident scene. a. Observe weather. b. Complete a 360-degree size-up and observe smoke and fire conditions. c. Identify hazards. d. Evaluate rescue potential. e. Evaluate available resources.				
3.	Transmit the arrival report to dispatch. a. Communicate hazards. b. Describe initial actions. c. Identify operational strategy. d. Make initial assignments for arriving units. e. Request additional resources.				
4.	Transfer Command. a. Communicate current incident situation. b. Report personnel accountability status. c. Report potential hazards.				

Skill Set: Fireground Operations: Extinguish an Ignitable Liquid Fire

Reference: NFPA 1001, 2019 Edition - Chapter 5, Section 5.3.1 - Extinguish an Ignitable Liquid Fire

Candidate Equipment Required: Complete NFPA-Compliant Personal Protective Clothing Ensemble with SCBA and PASS device

Evaluator Equipment Required: Ignitable liquid fuel prop; Foam concentrates; Foam proportioning device or apparatus mounted foam system; Water supply; An attack line and nozzle

Evaluator’s Instructions to the Candidate

At this station, as a member of a team, you will demonstrate extinguishing an ignitable liquid fire, given foam concentrates, a foam proportioning device or apparatus mounted foam system, a water supply, and an attack line and nozzle. The evaluator will act as your team member that you will direct to assist you. They will acknowledge and perform only those tasks within their capabilities as a Level II Firefighter.

You must select the proper type of foam concentrate for the given fuel and conditions, produce a properly proportioned foam stream applied to the surface of the fuel to create and maintain a foam blanket to extinguish the fire and prevent re-ignition. You will function as the nozzle operator and the evaluator will identify which foam application technique(s) that you will use.

Your team must maintain a foam stream for protection and continue facing the hazard while retreating to a safe haven.

Candidate MUST successfully be competent in each of the steps listed to pass this skill station.

No.	Evaluated Skill Items	First Time		Retest	
		Pass	Fail	Pass	Fail
1.	Size up the incident scene.				
2.	Identify an escape route.				
3.	Verify the foam type and concentration are appropriate for fuel, fire, and environmental conditions.				
4.	Verify the attack line is functioning and ready by producing a small amount of foam.				
5.	Extend the hoseline to the point of fire attack. Approach from uphill and upwind.				
6.	Applied foam stream to surface using appropriate application technique (Rain Down / Bank Down / Roll-On).				
7.	Direct the stream away from the pool of liquid before shutting it down.				
8.	Retreat to safety by backing away.				
9.	Monitor the fire for re-ignition and reapply foam as necessary.				

Skill Set: FD Communications: Communicate the Need for Team Assistance Fireground Operations: Coordinate an Interior Attack

Reference: NFPA 1001, 2019 Edition - Chapter 5, Sections 5.2.2 - Communicate the Need for Team Assistance; 5.3.2 - Coordinate an Interior Attack

Candidate Equipment Required: Complete NFPA-Compliant Personal Protective Clothing Ensemble with SCBA and PASS device

Evaluator Equipment Required: Interior fire attack prop; An attack line and nozzle; Water supply; Various rescue and search tools; Portable radios

Evaluator’s Instructions to the Candidate

At this station, as a member of a team, you will demonstrate coordinating an interior attack for the team’s accomplishment of an assignment in a structure fire. The evaluator will act as a team member that you will direct to assist you. They will acknowledge and perform only those tasks within their capabilities as a Level II Firefighter.

You will ensure crew integrity is established; attack techniques are selected for the given level of the fire (e.g., attic, grade level, upper level, or basement); attack techniques are communicated to the attack teams; constant team coordination is maintained; fire growth and development is continuously evaluated; search, rescue, and ventilation requirements are communicated or managed; hazards are reported to the attack teams; and incident command is apprised of changing conditions and needs of the attack teams. The evaluator will also act as the Incident Commander.

Candidate MUST successfully be competent in each of the steps listed to pass this skill station.

No.	Evaluated Skill Items	First Time		Retest	
		Pass	Fail	Pass	Fail
1.	Coordinate unit operations as a team leader. a. Select appropriate tactics. b. Select tools and appliances necessary for the assignment. c. Monitor safety and personnel accountability. d. Assist crew members as needed. e. Conduct ongoing size-up. f. Communicate changing conditions and needs to the Incident Commander.				

Skill Set: Fireground Operations: Control a Flammable Gas Cylinder Fire

Reference: NFPA 1001, 2019 Edition - Chapter 5, Section 5.3.3 - Control a Flammable Gas Cylinder Fire

Candidate Equipment Required: Complete NFPA-Compliant Personal Protective Clothing Ensemble with SCBA and PASS device

Evaluator Equipment Required: Gas cylinder prop; An attack line and nozzle; Water supply; Portable radios; Tools necessary for gas valve operation

Evaluator's Instructions to the Candidate

At this station, as a member of a team, you will demonstrate controlling a flammable gas cylinder fire. The evaluator will act as a team member that you will direct to assist you. They will acknowledge and perform only those tasks within their capabilities as a Level II Firefighter.

You will ensure crew integrity is maintained; contents are identified; safe havens are identified prior to advancing, open valves are closed; flames are not extinguished unless the leaking gas is eliminated; the cylinder is cooled; cylinder integrity is evaluated; hazardous conditions are recognized and acted upon; cylinder is faced during advance and retreat.

Candidate MUST successfully be competent in each of the steps listed to pass this skill station.

No.	Evaluated Skill Items	First Time		Retest	
		Pass	Fail	Pass	Fail
1.	Size up the incident scene.				
2.	Deploy handlines. a. Bleed air from the handline. b. Ensure that there is adequate hoseline to reach the container. c. Estimate and maintain adequate waterflow.				
3.	Cool the cylinder or storage tank by applying a straight stream to the container.				
4.	Extend hoselines to isolate the control valve. a. Approach from uphill and upwind. b. Push flames away from the valve with a fog stream (30-degree pattern).				
5.	Close the control valve completely.				
6.	Cool the container from a safe distance. a. Withdraw the hoselines. b. Apply a straight stream to the container.				
7.	Retreat to safety by backing away from the container.				

Skill Set: Fireground Operations: Protect Evidence of Fire Cause & Origin

Reference: NFPA 1001, 2019 Edition - Chapter 5, Section 5.3.4 - Protect Evidence of Fire Cause and Origin

Candidate Equipment Required: None

Evaluator Equipment Required: Scenario images

Evaluator's Instructions to the Candidate					
<p>At this station, you will be provided 1 of 4 scenario images of a post-fire incident.</p> <p>You will explain to the evaluator how you would: Secure the scene and deny entry; Examine the structure for evidence; Locate the point of origin and assess the possible cause of the fire; Preserve the evidence; Document the evidence; and turn the evidence over to the Investigator once they arrive on scene.</p> <p style="text-align: center;"><i>Candidate MUST successfully be competent in each of the steps listed to pass this skill station.</i></p>					
No.	Evaluated Skill Items	First Time		Retest	
		Pass	Fail	Pass	Fail
1.	Secure the scene. Deny entry to unauthorized personnel and bystanders.				
2.	Examine the structure for evidence. <ul style="list-style-type: none"> a. Vehicles and people present in the area. b. Status of doors and windows (locked or opened). c. Evidence of forced entry by anyone other than firefighters. d. Conditions of the contents. e. Indications of unusual fire behavior or more than one (1) point of origin. f. Any other unusual or out of place materials that may be significant to the fire investigation. g. Number and location of victim(s). h. Potential area of origin. i. Possible cause of the fire. 				
3.	Preserve the evidence. <ul style="list-style-type: none"> a. Avoid touching disturbing, or contaminating evidence. b. Leave evidence in place unless it must be moved to preserve it. c. Use caution tape, rope, plastic sheeting, or other materials to protect the evidence from contamination. d. If evidence must be moved to preserve it, label or photograph the evidence and store it as required by local SOPs. 				
4.	Record information about the evidence. <ul style="list-style-type: none"> a. Location (original location and new location if moved). b. Appearance. c. Date and time. 				

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No.	Evaluated Skill Items	First Time		Retest	
		Pass	Fail	Pass	Fail
5.	Initiate the chain of custody record.				
6.	Provide evidence and records to the investigator before leaving the incident scene.				

Skill Set: Preparedness and Maintenance: Maintain Power Plants, Power Tools, & Lighting Equipment

Reference: NFPA 1001, 2019 Edition - Chapter 5, Sections 5.5.4 - Maintain Power Plants, Power Tools, and Lighting Equipment

Candidate Equipment Required: Complete NFPA-Compliant Personal Protective Clothing Ensemble

Evaluator Equipment Required: Chain saw; Portable generator; Electrical cord; Portable lighting equipment

Evaluator’s Instructions to the Candidate

At this station, you will demonstrate maintaining power plants, power tools, and lighting equipment. You will ensure equipment is cleaned and maintained according to manufacturer and departmental guidelines, maintenance is recorded, and equipment is placed in a ready state or reported otherwise.

You will demonstrate the ability to select correct tools; follow guidelines; complete recording and reporting procedures; and operate power plants, power tools, and lighting equipment.

Candidate MUST successfully be competent in each of the steps listed to pass this skill station.

No.	Evaluated Skill Items	First Time		Retest	
		Pass	Fail	Pass	Fail
1.	<p>Chain Saw (Cleaning):</p> <ul style="list-style-type: none"> a. Clean tools according to manufacturer’s guidelines. b. Dry tools thoroughly. <p>Chain Saw (Inspection):</p> <ul style="list-style-type: none"> a. Inspect tools for damage or wear. b. Inspect parts for tightness and function. c. Place any tools that require maintenance on a clean surface and tag them out of service. <p>Chain Saw (Maintenance):</p> <ul style="list-style-type: none"> a. Maintain cutting blades and replace blades that are damaged or worn. b. Check fuel level and fill with the correct fuel. c. Check oil level and fill with the correct oil. d. Start all power tools and verify their operation. Turn off power tools after operations is verified. e. Tag tools that must be placed out of service. f. Record cleaning, inspection, and maintenance according to local SOPs. 				
2.	<p>Portable Generator:</p> <ul style="list-style-type: none"> a. Inspect and maintain spark plugs. <ul style="list-style-type: none"> 1. Inspect for damage, visible corrosion, carbon accumulation, or cracks in the porcelain. 2. Ensure that the spark plug wire is tight. 3. Replace spark plugs if damaged or if the service manual recommends replacement. 				

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No.	Evaluated Skill Items	First Time		Retest	
		Pass	Fail	Pass	Fail
2.	b. Inspect the carburetor and identify signs of fuel leaks. c. Check the fuel level and refill as needed. d. Check the oil level and refill as needed. e. Start the generator and run tests as required by the service manual.				
3.	Lighting Equipment: a. Inspect electrical cords for damaged insulation, exposed wiring, and missing or bents prongs. b. Connect each light to the generator one light at a time. c. Replace lightbulbs as necessary and discard faulty bulbs in an approved manner. d. Record inspection and maintenance according to local SOPs.				

Skill Set: Preparedness and Maintenance: Perform an Annual Service Test on Fire Hose

Reference: NFPA 1001, 2019 Edition - Chapter 5, Sections 5.5.5 - Perform an Annual Service Test on Fire Hose

Candidate Equipment Required: Complete NFPA-Compliant Personal Protective Clothing Ensemble

Evaluator Equipment Required: 2-1/2" hoseline and nozzle; Spanner wrenches; Hose tester or pumper apparatus; chalk or marker

Evaluator’s Instructions to the Candidate

At this station, you will demonstrate procedures for performing an annual service test on fire hose.

While you will not be required to operate the pumper, you must direct the pump operator as appropriate.

Candidate MUST successfully be competent in each of the steps listed to pass this skill station.

No.	Evaluated Skill Items	First Time		Retest	
		Pass	Fail	Pass	Fail
1.	Check the hose gasket.				
2.	Connect hose sections into test lengths of no more than 300 feet (100 m) each, ensuring connections are tight.				
3.	Connect an open test gate valve to the discharge valve, ensuring connections are tight.				
4.	Connect the test length to the test gate valve, ensuring the connections are tight.				
5.	Tie a rope, hose rope tool, or hose strap to the test length of hose 10 - 15" (250 - 375 mm) from the test gate valve connection. Secure the other end of the rope to the discharge pipe or nearby anchor.				
6.	Attach a shutoff nozzle to the end of the test length.				
7.	Fill the hoseline with water to a pump pressure of 50 psi (30 kPa) or to hydrant pressure.				
8.	Open the nozzle as the hoseline is filling. Discharge the water away from the test area. Close the nozzle after all air has been purged from the test length.				
9.	Make a chalk or pencil mark on the hose jackets against each coupling.				
10.	Check that no couplings are leaking. Any length found to be leaking should be taken out of service and repaired before testing.				
11.	Retighten any couplings that are leaking at the connections. If the leak cannot be stopped, depressurize, disconnect the couplings, replace the gasket, and start over at Step 6.				
12.	Close each hose test gate valve.				

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No.	Evaluated Skill Items	First Time		Retest	
		Pass	Fail	Pass	Fail
13.	Increase the pump pressure to the test pressure required by NFPA 1962.				
14.	Close each hose test gate valve.				
15.	Monitor the connections for leakage as the pressure increases.				
16.	Maintain the test pressure for 3 minutes.				
17.	Inspect all couplings to check for leakage at the point of attachment.				
18.	Slowly reduce the pump pressure. Close the discharge valve. Disengage the pump.				
19.	Open the nozzle slowly to bleed off pressure in the test length. Break all hose connections and drain water from the test length.				
20.	Observe marks placed on the hose at the couplings. a. If a coupling has moved during the test, tag the hose section for recoupling. b. Tag all hose that has leaked or failed in any other way.				
21.	Record the test results according to local SOPs.				

Note: Service test pressures used during this skill station are determined by the date of manufacture of the hose and NFPA 1962. Fire hose that is not clearly marked with the date of manufacture and/or the required service test pressure will not be used at this station.