

## 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.

*This is NOT a timed event, but you must successfully complete it in a reasonable fireground time. To pass this station, you must successfully complete 100% of the steps.*

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: FD Communications: Complete a Basic Incident Report

**Reference:** NFPA 1001, 2019 Edition - Chapter 5, Section 5.2.1 - Complete a Basic Incident Report

**Candidate Equipment Required:** None

**Evaluator Equipment Required:** Incident scenario; Blank report; Report code reference sheets

### Evaluator’s Instructions to the Candidate

At this station, you will demonstrate completing a Basic Incident Report, given a written scenario, a blank report, and applicable code reference sheets. Report sections with Stars, located in the upper corner of the individual box, are required to be completed with complete and accurate information.

*This is NOT a timed event, but to pass this station, you must successfully complete 100% of the steps.*

No.	Evaluated Skill Items	First Time		Retest	
		Pass	Fail	Pass	Fail
1.	Gathered information on the incident. a. Date and times b. Location c. Owner / Occupant information d. Unit(s) and personnel involved e. Action(s) taken f. Outcome of incident (fire loss, injuries, cause, etc.)				
2.	Record information on the incident report.				
3.	Review the incident report to ensure that all the required information fields are completed and that the information is accurate.				

## 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. I will act as a team member that you will direct to assist you. I will acknowledge and perform only those tasks within my 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 I 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.

***This is NOT a timed event, but you must successfully complete it in a reasonable fireground time. To pass this station, you must successfully complete 100% of the steps.***

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. I will act as a team member that you will direct to assist you. I will acknowledge and perform only those tasks within my 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. I will also act as the Incident Commander.

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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. I will act as a team member that you will direct to assist you. I will acknowledge and perform only those tasks within my 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.

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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:** Post-fire scenario images

### Evaluator's Instructions to the Candidate

At this station, you will be provided 1 of 4 scenario images of a post-fire incident.

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.

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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. 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. 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. 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: Rescue Operations: Extricate a Victim Entrapped in a Motor Vehicle

**Reference:** NFPA 1001, 2019 Edition - Chapter 5, Section 5.4.1 - Extricate a Victim Entrapped in a Motor Vehicle

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

**Evaluator Equipment Required:** Salvage vehicle; Various cribbing (blocks, stair steps, wedges, etc.); Stabilization equipment; Extrication tools

### Evaluator's Instructions to the Candidate

At this station, as a member of a team, you will demonstrate extricating a victim entrapped in a motor vehicle. I will act as a team member that you will direct to assist you. I will acknowledge and perform only those tasks within my capabilities as a Level II Firefighter.

You will be required to: Conduct a scene size up; Determine the condition of vehicle; Stabilize the vehicle; and ensure the safety of the rescuers and victim(s) throughout the operation.

You will demonstrate steps of extrication that include: Stabilization; Removal of glass, doors and the roof. If actual demonstration is not possible, you will describe your process of accomplishing the task in detail to the evaluator.

***This is NOT a timed event, but you must successfully complete it in a reasonable fireground time. To pass this station, you must successfully complete 100% of the steps.***

No.	Evaluated Skill Items	First Time		Retest	
		Pass	Fail	Pass	Fail
1.	Take necessary precautions to protect rescuers and victims from hazards including, but not limited to, glass fragments, jagged metal, SRS gas cylinders, undeployed airbags, and fire hazards.				
2.	Identify vehicle's construction, condition, and integrity.				
3.	Provide initial stabilization. a. Place chocks in front of and behind tires. Center chocks snugly and squarely against the tread of each tire. b. Apply the parking brake. c. Inspect the vehicle and confirm that it is stabilized.				
4.	Verify that the surface under the support locations will support the weight of the vehicle and equipment.				
5.	Crib the vehicle until the required height has been achieved <b>OR</b> Operate the jack until desired lift is achieved.				
6.	Remove the vehicle glass using appropriate tools safely and correctly depending on the glass construction (laminated or tempered).				

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No.	Evaluated Skill Items	First Time		Retest	
		Pass	Fail	Pass	Fail
7.	<p>Open or remove the door with extrication tools.</p> <ul style="list-style-type: none"> <li>a. Create a purchase point at the edge of the door near the latch.</li> <li>b. Insert the spreader tips slightly above the door lock so that they push the door outward.</li> <li>c. Maintain control of the door in order to prevent it from striking anyone.</li> <li>d. Open the spreader arms until the door opens.</li> <li>e. Insert spreader tips at the hinges so that they will force the door down and away from victims and rescue personnel.</li> <li>f. Open the spreaders until the first hinge fails or can be cut.</li> <li>g. Repeat the process for the second hinge.</li> <li>h. Remove the door.</li> </ul>				
8.	<p>Remove the roof of a wheel-resting passenger vehicle.</p> <ul style="list-style-type: none"> <li>a. After the glass is removed, cut the first post furthest from the victim.</li> <li>b. Cut remaining posts, with the final cut on the post closest to the victim. Support the roof throughout the removal.</li> <li>c. Remove the roof.</li> </ul>				
9.	<p>Displace a dashboard by: Jacking or Lifting with Spreaders, <b>OR</b> Pushing or rolling.</p> <ul style="list-style-type: none"> <li>a. After the door is removed, make relief cuts behind the strut mounts to eliminate movement of the front end of the vehicle.</li> <li>b. Cut the upper portion of the A-post if the roof is intact.</li> </ul> <p><b>Jacking or Lifting:</b></p> <ul style="list-style-type: none"> <li>c. Create a purchase point in the lower portion of the A-post and between the door hinges, if possible.</li> <li>d. Place cribbing between the base of the A-post and the surface beneath.</li> <li>e. Insert the spreader tips and open the spreaders to lift the dash until sufficient clearance is achieved.</li> </ul> <p><b>Pushing or Rolling:</b></p> <ul style="list-style-type: none"> <li>c. Cut the bottom portion of the A-post, below the bottom door hinge, if possible.</li> <li>d. Place cribbing between the rocker panel and the surface beneath.</li> <li>e. Position the ram between the base of the B-post and on an area just above the top hinge on the A-post.</li> <li>f. Extend the ram to move the dash until sufficient clearance is achieved.</li> </ul>				

## Skill Set: Rescue Operations: Assist Rescue Operation Teams

**Reference:** NFPA 1001, 2019 Edition - Chapter 5, Section 5.4.2 - Assist Rescue Operation Teams

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

**Evaluator Equipment Required:** Simulated vehicle incident; Traffic cones; Various rescue tools

### Evaluator's Instructions to the Candidate

At this station, you will demonstrate assisting rescue operation teams. You will be directed by me to accomplish various tasks commensurate to the level of training required of a Level II Firefighter.

**Scenario:** You are a member of an engine crew arriving on scene of a motor vehicle incident that requires extrication. You will be tasked with: Establishing a scene security zone behind the apparatus; Retrieving rescue tools from the apparatus to bring to the incident scene; and Provide support for the rescue team. I will act as the Engine Officer assigning your tasks.

***This is NOT a timed event, but you must successfully complete it in a reasonable fireground time. To pass this station, you must successfully complete 100% of the steps.***

No.	Evaluated Skill Items	First Time		Retest	
		Pass	Fail	Pass	Fail
1.	Establish scene security zones.				
2.	Retrieve rescue tools as necessary for the operation.				
3.	Provide support for the rescue team as assigned.				

## 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.

***This is NOT a timed event, but you must successfully complete it in a reasonable fireground time. To pass this station, you must successfully complete 100% of the steps.***

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

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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.	<b>Lighting Equipment:</b> 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.

*This is NOT a timed event, but you must successfully complete it in a reasonable fireground time. To pass this station, you must successfully complete 100% of the steps.*

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.