

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: 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 items with Stars are required to be filled out with complete and accurate information.

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.	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.				

A <div style="display: flex; justify-content: space-between;"> <div>FDID ☆</div> <div>State ☆</div> <div>Incident Date MM DD YYYY ☆</div> <div>Station</div> <div>Incident Number ☆</div> <div>Exposure ☆</div> </div>		<input type="checkbox"/> Delete <input type="checkbox"/> Change <input type="checkbox"/> No Activity		NFIRS-1 Basic <small>OMB 1660-0069 Expires 04/30/2019 Paperwork Burden Notice on Back</small>	
B Location Type ☆ <input type="checkbox"/> Check this box to indicate that the address for this incident is provided on the Wildland Fire Module in Section B, "Alternative Location Specification." Use only for wildland fires.					
<div style="display: flex;"> <div style="flex: 1;"> <input type="checkbox"/> Street address <input type="checkbox"/> Intersection <input type="checkbox"/> In front of <input type="checkbox"/> Rear of <input type="checkbox"/> Adjacent to <input type="checkbox"/> Directions <input type="checkbox"/> U.S. National Grid </div> <div style="flex: 2;"> Number/Milepost Prefix Street or Highway State ZIP Code Apt./Suite/Room City </div> <div style="flex: 1;"> Census Tract - Street Type Suffix </div> </div> <p style="font-size: small;">Cross Street, Directions or National Grid, as applicable</p>					
C Incident Type ☆ Incident Type		E1 Dates and Times Midnight is 0000 Month Day Year Hour Min Alarm ☆ ALARM always required		E2 Shifts and Alarms Local Option Shift or Platoon Alarms District	
D Aid Given or Received ☆ <input type="checkbox"/> None <div style="display: flex;"> <div style="flex: 1;"> 1 <input type="checkbox"/> Mutual aid received 2 <input type="checkbox"/> Auto. aid received 3 <input type="checkbox"/> Mutual aid given 4 <input type="checkbox"/> Auto. aid given 5 <input type="checkbox"/> Other aid given </div> <div style="flex: 1; border: 1px solid black; padding: 5px; margin-left: 10px;"> Their FDID Their State Their Incident Number </div> </div>		Check boxes if dates are the same as Alarm Date. Arrival ☆ ARRIVAL required, unless canceled or did not arrive Controlled CONTROLLED optional, except for wildland fires Last Unit Cleared LAST UNIT CLEARED, required except for wildland fires		E3 Special Studies Local Option Special Study ID# Special Study Value	
F Actions Taken ☆ Primary Action Taken (1) Additional Action Taken (2) Additional Action Taken (3)		G1 Resources ☆ <input type="checkbox"/> Check this box and skip this block if an Apparatus or Personnel Module is used. <div style="display: flex;"> <div style="flex: 1;"> Suppression EMS Other </div> <div style="flex: 1;"> Apparatus Personnel EMS Other </div> </div> <input type="checkbox"/> Check box if resource counts include aid received resources.		G2 Estimated Dollar Losses and Values LOSSES: Required for all fires if known. Optional for non-fires. None Property \$, , <input type="checkbox"/> Contents \$, , <input type="checkbox"/> PRE-INCIDENT VALUE: Optional Property \$, , <input type="checkbox"/> Contents \$, , <input type="checkbox"/>	
Completed Modules <input type="checkbox"/> Fire-2 <input type="checkbox"/> Structure Fire-3 <input type="checkbox"/> Civilian Fire Cas.-4 <input type="checkbox"/> Fire Service Cas.-5 <input type="checkbox"/> EMS-6 <input type="checkbox"/> HazMat-7 <input type="checkbox"/> Wildland Fire-8 <input type="checkbox"/> Apparatus-9 <input type="checkbox"/> Personnel-10 <input type="checkbox"/> Arson-11		H1 Casualties ☆ <input type="checkbox"/> None <div style="display: flex;"> <div style="flex: 1;"> Deaths Injuries Fire Service Civilian </div> <div style="flex: 1;"> H2 Detector Required for confined fires. 1 <input type="checkbox"/> Detector alerted occupants 2 <input type="checkbox"/> Detector did not alert them U <input type="checkbox"/> Unknown </div> </div>		H3 Hazardous Materials Release ☆ <input type="checkbox"/> None 1 <input type="checkbox"/> Natural gas: slow leak, no evacuation or HazMat actions 2 <input type="checkbox"/> Propane gas: <21-lb tank (as in home BBQ grill) 3 <input type="checkbox"/> Gasoline: vehicle fuel tank or portable container 4 <input type="checkbox"/> Kerosene: fuel burning equipment or portable storage 5 <input type="checkbox"/> Diesel fuel/fuel oil: vehicle fuel tank or portable storage 6 <input type="checkbox"/> Household solvents: home/office spill, cleanup only 7 <input type="checkbox"/> Motor oil: from engine or portable container 8 <input type="checkbox"/> Paint: from paint cans totaling <55 gallons 0 <input type="checkbox"/> Other: special HazMat actions required or spill > 55 gal (Please complete the HazMat form.)	
J Property Use ☆ <input type="checkbox"/> None Structures 131 <input type="checkbox"/> Church, place of worship 161 <input type="checkbox"/> Restaurant or cafeteria 162 <input type="checkbox"/> Bar/Tavern or nightclub 213 <input type="checkbox"/> Elementary school, kindergarten 215 <input type="checkbox"/> High school, junior high 241 <input type="checkbox"/> College, adult education 311 <input type="checkbox"/> Nursing home 331 <input type="checkbox"/> Hospital Outside 124 <input type="checkbox"/> Playground or park 655 <input type="checkbox"/> Crops or orchard 669 <input type="checkbox"/> Forest (timberland) 807 <input type="checkbox"/> Outdoor storage area 919 <input type="checkbox"/> Dump or sanitary landfill 931 <input type="checkbox"/> Open land or field		341 <input type="checkbox"/> Clinic, clinic-type infirmary 342 <input type="checkbox"/> Doctor/Dentist office 361 <input type="checkbox"/> Prison or jail, not juvenile 419 <input type="checkbox"/> 1- or 2-family dwelling 429 <input type="checkbox"/> Multifamily dwelling 439 <input type="checkbox"/> Rooming/Boarding house 449 <input type="checkbox"/> Commercial hotel or motel 459 <input type="checkbox"/> Residential, board and care 464 <input type="checkbox"/> Dormitory/Barracks 519 <input type="checkbox"/> Food and beverage sales 936 <input type="checkbox"/> Vacant lot 938 <input type="checkbox"/> Graded/Cared for plot of land 946 <input type="checkbox"/> Lake, river, stream 951 <input type="checkbox"/> Railroad right-of-way 960 <input type="checkbox"/> Other street 961 <input type="checkbox"/> Highway/Divided highway 962 <input type="checkbox"/> Residential street/driveway		539 <input type="checkbox"/> Household goods, sales, repairs 571 <input type="checkbox"/> Gas or service station 579 <input type="checkbox"/> Motor vehicle/boat sales/repairs 599 <input type="checkbox"/> Business office 615 <input type="checkbox"/> Electric-generating plant 629 <input type="checkbox"/> Laboratory/Science laboratory 700 <input type="checkbox"/> Manufacturing plant 819 <input type="checkbox"/> Livestock/Poultry storage (barn) 882 <input type="checkbox"/> Non-residential parking garage 891 <input type="checkbox"/> Warehouse 981 <input type="checkbox"/> Construction site 984 <input type="checkbox"/> Industrial plant yard	
<div style="display: flex; align-items: center; justify-content: center;"> <div style="margin-right: 20px;">Look up and enter a Property Use code and description only if you have NOT checked a Property Use box.</div> <div style="margin-right: 20px;">➔</div> <div style="text-align: left;"> Property Use <div style="border-bottom: 1px solid black; width: 100px;"></div> <small>Code</small> </div> </div> <div style="text-align: right; margin-top: 10px;"> Property Use Description <div style="border-bottom: 1px solid black; width: 200px;"></div> </div>					

K1 Person/Entity Involved

Local Option

Business Name (if applicable)

Area Code

Phone Number

☐ Check this box if same address as incident location (Section B). Then skip the three duplicate address lines.

Mr., Ms., Mrs. First Name MI Last Name Suffix
Number Prefix Street or Highway Street Type Suffix
Post Office Box Apt./Suite/Room City
State ZIP Code

☐ More people involved? Check this box and attach Supplemental Forms (NFIRS-1S) as necessary.

K2 Owner

Local Option

☐ Same as person involved? Then check this box and skip the rest of this block.

Business Name (if applicable)

Area Code

Phone Number

☐ Check this box if same address as incident location (Section B). Then skip the three duplicate address lines.

Mr., Ms., Mrs. First Name MI Last Name Suffix
Number Prefix Street or Highway Street Type Suffix
Post Office Box Apt./Suite/Room City
State ZIP Code



Remarks:

Local Option

Fire Module Required?

Check the box that applies and then complete the Fire Module based on Incident Type, as follows:

- | | |
|---|--|
| <input type="checkbox"/> Buildings 111 | Complete Fire & Structure Modules |
| <input type="checkbox"/> Special structure 112 | Complete Fire Module & Section I, Structure Module |
| <input type="checkbox"/> Confined 113-118 | Basic Module Only |
| <input type="checkbox"/> Mobile property 120-123 | Complete Fire & Structure Modules |
| <input type="checkbox"/> Vehicle 130-138 | Complete Fire Module |
| <input type="checkbox"/> Vegetation 140-143 | Complete Fire or Wildland Module |
| <input type="checkbox"/> Outside rubbish fire 150-155 | Basic Module Only |
| <input type="checkbox"/> Special outside fire 160 | Complete Fire or Wildland Module |
| <input type="checkbox"/> Special outside fire 161-164 | Complete Fire Module |
| <input type="checkbox"/> Crop fire 170-173 | Complete Fire or Wildland Module |



ITEMS WITH A ★ MUST ALWAYS BE COMPLETED!

☐ More remarks? Check this box and attach Supplemental Forms (NFIRS-1S) as necessary.

M Authorization

Check box if same as Officer in charge. ☐

Officer in charge ID

Signature

Position or rank

Assignment

Month

Day

Year

Member making report ID

Signature

Position or rank

Assignment

Month

Day

Year

E3

Supplemental Special Studies

Local Option

**NFIRS-1S
Supplemental**

1

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Special Study ID# Special Study Value

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Special Study ID# Special Study Value

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Special Study ID# Special Study Value

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Special Study ID# Special Study Value

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Special Study ID# Special Study Value

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Special Study ID# Special Study Value

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Remarks:

Local Option

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

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.

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.	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. 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 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.

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.	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 OR 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).				

(Continued)

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

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 the evaluator 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. Your assignment will involve the following tasks: 1) Establishing a scene security zone behind the apparatus; 2) Retrieving rescue tools from the apparatus to bring to the incident scene; and 3) Providing support to the rescue team. The evaluator will act as the Engine Officer assigning the tasks.

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 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.

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.	Chain Saw (Cleaning): <ol style="list-style-type: none"> Clean tools according to manufacturer's guidelines. Dry tools thoroughly. Chain Saw (Inspection): <ol style="list-style-type: none"> Inspect tools for damage or wear. Inspect parts for tightness and function. Place any tools that require maintenance on a clean surface and tag them out of service. Chain Saw (Maintenance): <ol style="list-style-type: none"> Maintain cutting blades and replace blades that are damaged or worn. Check fuel level and fill with the correct fuel. Check oil level and fill with the correct oil. Start all power tools and verify their operation. Turn off power tools after operations is verified. Tag tools that must be placed out of service. Record cleaning, inspection, and maintenance according to local SOPs. 				
2.	Portable Generator: <ol style="list-style-type: none"> Inspect and maintain spark plugs. <ol style="list-style-type: none"> Inspect for damage, visible corrosion, carbon accumulation, or cracks in the porcelain. Ensure that the spark plug wire is tight. Replace spark plugs if damaged or if the service manual recommends replacement. 				

(Continued)

No.	Evaluated Skill Items	First Time		Retest	
		Pass	Fail	Pass	Fail
2.	<ul style="list-style-type: none">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: <ul style="list-style-type: none">a. Inspect electrical cords for damaged insulation, exposed wiring, and missing or bent 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.				

(Continued)

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.