



PENNSYLVANIA STATE FIRE ACADEMY FIREFIGHTER II SKILL STATIONS

Firefighter II Skill Stations

NFPA 1001 – Chapter 5 (2019 Edition)

Station A	Fire Ground Communications & Operations / Interior Attack Coordination	Mandatory
Station B	Sprinkler Drain / Pressures	Random
Station C	Fire Safety Presentation	Random
Station D	Inspection / Maintenance: Generator, Power Tools, & Lighting Equipment	Random
Station E	Gas Cylinder Fire Control *	Mandatory
Station F	Combustible Liquid Fire Control *	Mandatory
Station G	Hose Service Test	Random
Station H	Fire Scene Preservation	Random

* **NOTE:** Either Station E or Station F **MUST** be tested. The station not used as a mandatory station may be used as a random station.



PENNSYLVANIA STATE FIRE ACADEMY FIREFIGHTER II SKILL STATIONS

Station A - Fire Ground Communications & Operations / Interior Attack Coordination		Reference NFPA 1001 (2019 Edition) Chapter 5 Mandatory Station: JPRs 5.1.2, 5.2.2, 5.3.2	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Evaluator Note: Indicate the position a candidate is assigned in the scenario. As a two-person team, each candidate is assigned to a different position. The evaluator shall serve as the Incident Commander for the scenario.

_____ Engine Company - Hose Line Officer _____ Engine Company - Back-up Hose Line Officer
 _____ Truck Company - Rescue Team Officer _____ Truck Company - Ventilation Team Officer

Directions: Given personnel, PPE, attack lines, tools, and communications equipment, and while maintaining crew integrity, assemble a team and coordinate an interior attack to accomplish an assignment at a structure fire; select appropriate techniques for the conditions present; assure the techniques are communicated to the attack team; team coordination is maintained; ventilation, entry and search needs are demonstrated and coordinated; fire growth and development are monitored and Incident Command is advised of changing hazards. You are evaluated on your ability to: assemble a team, attack technique for the fire condition present (e.g., attic, grade/upper levels, basement), forcible entry tools selected, use of search & rescue techniques and ventilation procedures, evaluation/forecast developing fire growth and development and communicate hazardous building and fire conditions. Do you have any questions?

Performance Outcome: Pass/ Fail is determined by **13 of 13** tasks being correctly performed.

No.	Tasks	Yes	No
1	Demonstrates ability to communicate to all levels of the ICS structure		
2	Properly utilizes communications equipment and uses appropriate communications procedures		
3	Coordinates and transmit to the teams an appropriate plan of action for the assignment		
4	Executes the established goals and objectives for the assignment		
5	Checks & insure personal and team's PPE/SCBA are properly worn and monitors during use		
6	Selects proper tools/equipment for the assignment		
7	Monitors fire growth, and development and communicates changes to command		
8	Demonstrates appropriate search and rescue techniques		
9	Demonstrates appropriate ventilation techniques		
10	Demonstrates acceptable techniques are used in completing the assignments		
11	Monitors tactics to determine if outcomes are met and makes necessary tactical revisions		
12	Utilizes and operates within an established ICS		
13	Completes all tasks without compromising personal or team safety		
Please circle the final skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____



PENNSYLVANIA STATE FIRE ACADEMY FIREFIGHTER II SKILL STATIONS

STATION B: Sprinkler Drain / Pressures		Reference NFPA 1001 (2019 Edition) Chapter 5 Random Station: JPR 5.5.3	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Evaluator Note: Provide the candidate with the pressure recording form. Review the candidate's documented pressure reading to evaluate Tasks #5, 9, and 10.

Directions: Locate and identify the sprinkler components for both a wet and dry pipe sprinkler system; then identify the procedure to / open and close the main drain valve on the wet pipe system. Next, read and record the appropriate pressures (system, air, and water) for both sprinkler systems on the sheet provided. Do you have any questions?

Performance Outcome: Pass/ Fail is determined by **8 of 11** tasks being correctly performed.

No.	Tasks	Yes	No
WET-PIPE SYSTEM			
1	Identifies the main water control valve		
2	Identifies the main drain valve.		
3	Describes the procedure used to close / open the main water control valve		
4	Describes the procedure used to open / closes the main drain valve		
5	Documents the "system pressure" (PSI)		
DRY-PIPE SYSTEM			
6	Identifies the main water control valve		
7	Identifies the dry-pipe valve		
8	Identifies the main drain valve.		
9	Documents the systems "water pressure" (PSI)		
10	Documents the systems "air pressure" (PSI)		
11	All appropriate PPE worn correctly, and personal safety is not compromised during the task		
Please circle final skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____



PENNSYLVANIA STATE FIRE ACADEMY FIREFIGHTER II SKILL STATIONS

STATION B: Sprinkler Drain / Pressures		Reference NFPA 1001 (2019 Edition) Chapter 5 Random Station: JPR 5.5.3	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Pressure Recording Form

System Pressure Gauge: _____

Water Pressure Gauge: _____

Air Pressure Gauge: _____

NOTE: All pressure readings **MUST** be recorded in Pounds Per Square Inch.



PENNSYLVANIA STATE FIRE ACADEMY FIREFIGHTER II SKILL STATIONS

STATION C: Fire Safety Presentation		Reference NFPA 1001 (2019 Edition) Chapter 5 Random Station: JPR 5.5.2	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Evaluator Note: Provide the candidate with the fire safety presentation/station tour log form. Review the candidate's documented presentation log form to ensure accuracy based on the topic/scenario given.

Directions: Given a fire safety presentation assignment, present a fire safety program to a **small** group or station visitors. The presentation should be brief (i.e., 5-10 minutes) yet informative and accurate. Answer all questions posed. Then document your fire safety presentation. Do you have any questions?

Performance Outcome: Pass / Fail is determined by **6 of 8** tasks being correctly performed.

No.	Tasks	Yes	No
1	Identifies self and organization		
2	Defines the topic		
3	Selects and explains the importance of the topic		
4	Uses informative and accurate information		
5	Demonstrates the ability to summarize information		
6	Checks for and addresses questions appropriately		
7	Documents delivery of the presentation according to SOPs		
8	Completes the task in a professional manner		
Please circle final skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____



PENNSYLVANIA STATE FIRE ACADEMY FIREFIGHTER II SKILL STATIONS

STATION C: Fire Safety Presentation		Reference NFPA 1001 (2019 Edition) Chapter 5 Random Station: JPR 5.5.2	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Fire Safety Presentation / Station Tour Log

Date: _____ **Time:** _____

Location: _____

Group: _____ **Age Range:** _____

Contact: _____ **Phone:** _____

Topic: _____

Materials Used:

_____ Computer/Projector _____ Brochures/Handouts _____ Telephone
_____ Audio/Visual Aids _____ Smoke Detector(s) _____ PPE
_____ Puppets/Costumes _____ Fire Extinguisher(s) _____ SCBA
_____ Other Training Aid(s): _____

Narrative:

Presenter: _____ **Date:** _____



PENNSYLVANIA STATE FIRE ACADEMY FIREFIGHTER II SKILL STATIONS

STATION D: Inspection / Maintenance – Generator, Power Tools and Lighting Equipment		Reference NFPA 1001 (2019 Edition) Chapter 5 Random Station: JPR 5.5.4	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Directions: Demonstrate your ability to maintain power plants (generator/inverter), power tools, and lighting equipment by performing a routine inspection of each unit provided. Describe what you are checking, and the conditions found during each inspection. Explain to the evaluator the necessary maintenance that would occur for each piece of equipment after use. Document your inspection and notify the evaluator if the equipment is in the ready state or needs repairs. Do you have any questions?

Performance Outcome: Pass / Fail is determined by **12 of 16** tasks being correctly performed.

No.	Task Steps	Yes	No
<i>POWER SOURCE: GENERATOR / INVERTER (Portable or Vehicle Mounted)</i>			
	Evaluator indicates the type of power source:		
1	Checks all fluids in of power plant to assure acceptable level (i.e., fuel, oil) (<i>Mandatory to PASS</i>)		
2	Checks all applicable components (e.g., spark plug & wire, belts, hoses, cords, connections, etc.)		
3	Checks entire unit for visible damage		
4	Turns on and operates the power plant (<i>Mandatory to PASS</i>)		
5	Turns off the power plant (<i>Automatic Failure if turned off under load</i>)		
6	Describes the necessary maintenance that would occur after use to be placed in a ready state		
<i>LIGHTING EQUIPMENT</i>			
	Evaluator indicates the type of lighting equipment:		
7	Checks electrical cords for damage		
8	Checks entire unit for visible damage		
9	Sets-up and operates the lighting equipment (<i>Mandatory to PASS</i>)		
10	Describes the necessary maintenance that would occur after use to be placed in a ready state		
<i>POWER TOOL (Evaluator, please indicate the tool to inspect)</i>			
	Power Tool Inspected:		
11	Checks all power tool components and accessories (i.e., chains/blades)		
12	Checks to determine guards and safety devices are in place and operable (<i>Mandatory to PASS</i>)		
13	Describes the necessary maintenance that would occur after use to be placed in a ready state		
14	Checks operating status of power tool while the generator is running (<i>Mandatory to PASS</i>)		
15	Operates tool safely and as intended (<i>Mandatory to PASS</i>)		
16	Completes all tasks without compromising personal safety		
Please circle final skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____



PENNSYLVANIA STATE FIRE ACADEMY FIREFIGHTER II SKILL STATIONS

STATION D: Inspection / Maintenance – Generator, Power Tools and Lighting Equipment		Reference NFPA 1001 (2019 Edition) Chapter 5 Random Station: JPR 5.5.4	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Directions: After inspecting each unit (i.e., power plant, lighting equipment, power tool), document your actions and findings; Indicate whether the unit is in a ready state for use, or out-of-service and in need of repair. If any item/component is not in a ready state, briefly document the issue.

<i>POWER SOURCE: GENERATOR / INVERTER</i> <i>(Describe items in need of service in the space provided)</i>	Operational	Service Needed
Unit Condition (i.e., damage)		
Fluids		
Unit Components (e.g., ignition system, exhaust system, etc.)		
Unit operational		
Is the power plant ready for use? Yes _____ No _____ <i>(If no, explain)</i>		
<i>LIGHTING EQUIPMENT</i>		
Unit Condition (i.e., damage)		
Electrical cords		
Unit operational		
Is the lighting equipment ready for use? Yes _____ No _____ <i>(If no, explain)</i>		
<i>POWER TOOL</i>		
Unit Condition (e.g., damage, all parts present, etc.)		
Fluids (if applicable)		
Unit operational		
Is the power tool ready for use? Yes _____ No _____ <i>(If no, explain)</i>		

Candidate Signature: _____



PENNSYLVANIA STATE FIRE ACADEMY FIREFIGHTER II SKILL STATIONS

STATION E: Gas Cylinder Fire Control		Reference NFPA 1001 (2019 Edition) Chapter 5 Mandatory/Random Station: JPR 5.3.3	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Directions: As a team, select the appropriate hose line to cool and approach a burning propane cylinder, shut the valve and extinguish the fire. Change the nozzle operator and repeat the evolution. Do you have any questions?

Performance Outcome: Pass / Fail is determined by **14 of 14** tasks being correctly performed.

No.	Tasks	Yes	No
1	Crew selects no larger than 1¾" attack line with combination nozzle		
2	A safe-haven is identified prior to advancing a hose line		
3	Contents are identified		
4	Crew initiates advancement of hose line utilizing a straight stream to cool cylinder		
5	Cylinder is cooled, and cylinder integrity is evaluated		
6	Crew widens stream pattern to fog as they approach the cylinder		
7	Nozzle operator protects crew with a fog pattern		
8	Back up person handles hose to facilitate nozzle operator's movements and control		
9	Crew successfully prevents flame from bypassing fog pattern		
10	Back-up person shuts off the cylinder valve		
11	Crew backs out using fog pattern for protection		
12	Team maintains control of the hose line at all times		
13	Candidates faced cylinder(s) during approach and retreat		
<i>CANDIDATES SWITCH POSITIONS AND REPEAT TASKS 4 THRU 13</i>			
14	Completes all tasks without compromising personal or team safety		
Please circle final skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____



PENNSYLVANIA STATE FIRE ACADEMY FIREFIGHTER II SKILL STATIONS

STATION F: Combustible Liquid Fire Control		Reference NFPA 1001 (2019 Edition) Chapter 5 Mandatory/Random Station: JPR 5.3.1	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Evaluator Note: Please indicate the type of foam system used ____ Educator ____ ProPak ____ Apparatus System

Directions: As a team, select and assemble the proper appliances to create a 1½” or 1¾” foam line. Using the line assembled, attack a combustible liquids fire and achieve knockdown/extinguishment. Upon achieving knockdown, retreat to a safe haven, switch positions, and complete a second attack and extinguish the fire. Do you have any questions?

Performance Outcome: Pass / Fail is determined by **12** of **12** tasks being correctly performed.

No.	Tasks	Yes	No
1	Team selects and connects proper foam educator or foam proportioning device		
2	Team selects and connects the proper nozzle for foam application		
3	Team creates a workable foam line; tests line for foam operation prior to an attack		
4	A safe-haven is identified prior to advancing a hose line		
5	Educator/foam proportioning device is properly set for the foam being used on the given fire		
6	Attack is made from upwind direction (where possible)		
7	Foam applied using a proper foam application technique (rain down, roll-over, bank down)		
8	Knockdown/Extinguishment is achieved in a timely fashion		
9	Team properly retreats/back away from the fire, prevents re-flash, and safe-haven reached		
CANDIDATES SWITCH POSITIONS AND REPEAT TASKS 5 THRU 13			
10	Team properly flushes foam educator/foam proportioning device, and nozzle		
11	Team disassembles foam educator/ foam proportioning device and nozzle and returns same to storage		
12	Completes all tasks without compromising personal or team safety		
Please circle final skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____



PENNSYLVANIA STATE FIRE ACADEMY FIREFIGHTER II SKILL STATIONS

STATION G: Hose - Service Testing		Reference NFPA 1001 (2019 Edition) Chapter 5 Random Station: JPR 5.5.5	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Evaluator Note: For efficiency in skill testing, a full three (3) minutes need not be maintained once pressure is reached.

Directions: Using the equipment provided, conduct an annual service test on a 50-foot section of hose. Instruct the pump operator when you need the valves opened/closed and pressures increased/decreased. When done, document your test. Do you have any questions?

Performance Outcome: Pass / Fail is determined by **15** of **21** tasks being correctly performed.

No.	Tasks	Yes	No
1	Performs inspection of the hose and couplings (free of debris and/or signs of damage)		
2	Extends hose so that it is laid out straight without kinks or twists		
3	Checks hose gaskets were checked prior to making any connection		
4	Demonstrates ability to properly connect couplings and connections are spanner wrench tight		
5	Assembles configuration so the test gate valve is attached to pumper discharge, the hose is connected to the test gate valve, and the hose is anchored to the pumper at the test gate valve		
7	Secures rope hose tool/rope/strap 10" to 15" from the test gate valve. <i>(Mandatory to PASS)</i>		
8	Utilizes and connects an appropriate nozzle to the end of the test hose.		
9	Demonstrates ability to bleed off air in the hose line <i>(Mandatory to PASS)</i>		
10	Raises nozzle above the level of the pump discharge while bleeding the hose-line.		
11	Applies marks at hose couplings to check for creep <i>(Mandatory to PASS)</i>		
12	Secures leaking couplings to mitigate water loss (tightened, gasket changed)		
13	Checks to assure hose test gate valve is completely closed <i>(Mandatory to PASS)</i>		
14	Notifies pump operator of test pressure based on NFPA 1962 (2013 Ed.)		
	<ul style="list-style-type: none"> Any fire hose marked must be service tested to the pressure stamped/marked on the hose. Attack fire hose not marked must be tested to a minimum of 300 psi. Supply fire hose not marked must be tested to a minimum of 200 psi 		
15	Notifies pump operator to increase pressure at an acceptable rate (i.e., 15 PSI per second) until desired pressure is attained <i>(Mandatory to PASS)</i>		
16	Three (3) minute timeframe is ordered for maintaining pressure		
17	Notifies pump operator to slowly reduce pressure and close the discharge valve		
18	Performs pressure bleed-off at the nozzle and dismantles hose and nozzle and drains the hose		
19	Checks marks made at the hose couplings to determine if any coupling creep occurred		
20	Documents test results and reports same to the evaluator		
21	Completes all tasks without compromising personal safety		
Please circle final skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____



PENNSYLVANIA STATE FIRE ACADEMY FIREFIGHTER II SKILL STATIONS

STATION G: Hose - Service Testing		Reference NFPA 1001 (2019 Edition) Chapter 5 Random Station: JPR 5.5.5	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Directions: Document the hose test information, condition of the hose, the results, and any remarks.

Test Date	Hose ID No.	Hose Size	Hose Length	Condition	Service Test Pressure	Pass/Fail	Remarks



PENNSYLVANIA STATE FIRE ACADEMY FIREFIGHTER II SKILL STATIONS

STATION H: Fire Scene Preservation		Reference NFPA 1001 (2019 Edition) Chapter 5 Random Station: JPR 5.3.4	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Evaluator Note: An additional sheet is provided for the candidate to document the scene. Please review the candidate's notes and information to evaluate Tasks 2, 3, 4, and 9.

Directions: Using the equipment and tools provided, examine the fire scene, secure the area from further disturbance, note any possible evidence of cause/origin, notify (through your evaluator) any investigative or legal authorities needed, and take any other measures appropriate to conditions found. Do you have any questions?

Performance Outcome: Pass / Fail is determined by **7 of 10** tasks being correctly performed.

No.	Tasks	Yes	No
1	Candidate physically secures site, denies entry through the use of barrier tape, barricades, or posting a guard.		
<i>Candidate records the following data on the clipboard provided</i>			
2	What evidence was noted?		
3	Was any evidence disturbed? If so, how?		
4	Was evidence moved? If moved, where, how, and why?		
<i>Candidate deals appropriately with loss of life issues</i>			
5	Candidate calls for coroner / medical examiner.		
6	Candidate calls for fire marshal investigative team.		
7	Candidate calls for law enforcement investigative team.		
8	Candidate preserves the dignity of deceased; covers remains from public view.		
9	If remains were moved, records position and location where initially found, and why moved?		
10	Completes all tasks in a professional manner and without compromising personal safety		
Please circle final skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____



PENNSYLVANIA STATE FIRE ACADEMY FIREFIGHTER II SKILL STATIONS

STATION H: Fire Scene Preservation		Reference NFPA 1001 (2019 Edition) Chapter 5 Random Station: JPR 5.3.4	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

CANDIDATE'S NOTES AND DOCUMENTATION

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