



## PENNSYLVANIA STATE FIRE ACADEMY FIREFIGHTER II SKILL STATIONS

### Firefighter II Skill Stations NFPA 1001 – Chapter 6 (2013 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

<b>Station A - Fire Ground Communications &amp; Operations / Interior Attack Coordination</b>		<b>Reference NFPA 1001 (2013 Edition) Chapter 6 Mandatory Station: JPRs 6.2.2, 6.3.2</b>	
<b>Test Site</b>	<b>Test Date</b>	<b>Candidate #</b>	<b>Check the Test Type</b> _____ <b>Initial</b> _____ <b>Retest</b>

**Evaluator Note:** Indicate the position a candidate assumes in the scenario. As a two-person team, each candidate will be 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, coordinate an interior attack to accomplish an assignment for 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 addressed; fire growth is monitored and hazards communicated; and the Incident Command is advised. You are evaluated on your ability to: assemble a team, attack techniques chosen for various fire conditions (e.g., attic, grade/upper levels, basement), evaluation / forecast fire growth and development, forcible entry tools selected, and use of search & rescue techniques, and ventilation procedures to complete the assignment, and to determine developing 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	Communicates to all levels of the ICS structure		
2	Properly uses communications equipment and appropriate communications procedures		
3	Devises an appropriate plan of action for the assignment		
4	Follows established goals and objectives for the assignment		
5	Appropriate PPE worn for the skill and monitors PPE use of team		
6	Selects proper tools / equipment for the assignment		
7	Monitors / forecasts fire travel and growth		
8	Incorporates appropriate search and rescue techniques		
9	Incorporates appropriate ventilation techniques		
10	Employs accepted techniques in completing the assignment		
11	Evaluates tactical outcomes and makes necessary revisions		
12	Implements and follows the established ICS		
13	Completes all tasks without compromising personal or team safety		
<b>Please circle final skill outcome</b>		<b>PASS</b>	<b>FAIL</b>

**Evaluator Comments:** \_\_\_\_\_  
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**Evaluator Signature:** \_\_\_\_\_ **Evaluator #** \_\_\_\_\_



## PENNSYLVANIA STATE FIRE ACADEMY FIREFIGHTER II SKILL STATIONS

<b>STATION B: Sprinkler Drain / Pressures</b>		<b>Reference NFPA 1001 (2013 Edition) Chapter 6 Random Station: JPR 6.5.3</b>	
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 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
<b>WET-PIPE SYSTEM</b>			
<b>1</b>	Locates and identifies the main manual water control valve		
<b>2</b>	Locates and identifies the main drain valve.		
<b>3</b>	Identifies procedure to / opens main drain valve		
<b>4</b>	Identifies procedure to / closes main drain valve		
<b>5</b>	Reads and records the "system pressure" (psi)		
<b>DRY-PIPE SYSTEM</b>			
<b>6</b>	Locates and identifies the main manual water control valve		
<b>7</b>	Locates and identifies the dry-pipe valve		
<b>8</b>	Locates and identifies the main drain valve.		
<b>9</b>	Reads and records the systems "water pressure" (psi)		
<b>10</b>	Reads and records the systems "air pressure" (psi)		
<b>11</b>	All appropriate PPE worn correctly and personal safety is not compromised		
<b>Please circle final skill outcome</b>		<b>PASS</b>	<b>FAIL</b>

**Evaluator Comments:** \_\_\_\_\_  
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## PENNSYLVANIA STATE FIRE ACADEMY FIREFIGHTER II SKILL STATIONS

STATION B: Sprinkler Drain / Pressures		Reference NFPA 1001 (2013 Edition) Chapter 6 Random Station: JPR 6.5.3	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

### Pressure Recording Form

System Pressure Gauge: \_\_\_\_\_ PSI

Water Pressure Gauge: \_\_\_\_\_ PSI

Air Pressure Gauge: \_\_\_\_\_ PSI

*Systems pressures MUST be read in pounds per square inch (psi)*



## PENNSYLVANIA STATE FIRE ACADEMY FIREFIGHTER II SKILL STATIONS

<b>STATION C: Fire Safety Presentation</b>		<b>Reference NFPA 1001 (2013 Edition) Chapter 6 Random Station: JPR 6.5.2</b>	
<b>Test Site</b>	<b>Test Date</b>	<b>Candidate #</b>	<b>Check the Test Type</b> _____ <b>Initial</b> _____ <b>Retest</b>

**Directions:** Given a fire safety presentation assignment, present a fire safety program to a group or to station visitors. The presentation should be brief (i.e., 3-5 minutes) yet informative and accurate. Answer all questions posed. Do you have any questions?

**Performance Outcome:** Pass / Fail is determined by **5 of 7** tasks being correctly performed.

No.	Tasks	Yes	No
1	Identifies self and organization		
2	Introduces topic		
3	Explains importance of topic		
4	Delivers effective and accurate information		
5	Summarizes information		
6	Allows for questions and addresses questions appropriately		
7	Completes all tasks in a professional manner		
<b>Please circle final skill outcome</b>		<b>PASS</b>	<b>FAIL</b>

**Evaluator Comments:** \_\_\_\_\_

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**Evaluator Signature:** \_\_\_\_\_

**Evaluator #** \_\_\_\_\_



## PENNSYLVANIA STATE FIRE ACADEMY FIREFIGHTER II SKILL STATIONS

<b>STATION D: Inspection / Maintenance – Generator, Power Tools, and Lighting Equipment</b>		<b>Reference NFPA 1001 - 2013 Edition Chapter 6 Random Station: JPR 6.5.4</b>	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

**Directions:** Perform a routine inspection of the power plant (generator/inverter), lighting equipment, and power tool. Verbally explain what you are checking and any conditions found as you perform each inspection. Also, explain the necessary maintenance that should occur for each piece of equipment after it is used, and report the maintenance routine to the evaluator so it is recorded, and if 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
<b><i>POWER SOURCE: GENERATOR / INVERTOR (Portable or Vehicle Mounted)</i></b>			
	<b>Evaluator indicates the type of power source:</b>		
<b>1</b>	Checks all fluids in of power plant to assure acceptable level (i.e., fuel, oil) ( <b><i>Mandatory to PASS</i></b> )		
<b>2</b>	Checks all applicable components (e.g., spark plug & wire, belts, hoses, cords, connections, etc.)		
<b>3</b>	Checks entire unit for visible damage		
<b>4</b>	Starts and runs power plant ( <b><i>Mandatory to PASS</i></b> )		
<b>5</b>	Properly shuts down/turns off power source ( <b><i>Automatic Failure if turned off under load</i></b> )		
<b>6</b>	Explains the necessary maintenance that should occur after use to be placed in a ready state		
<b><i>LIGHTING EQUIPMENT</i></b>			
	<b>Evaluator indicate the type of lighting equipment:</b>		
<b>7</b>	Checks electrical cords for damage		
<b>8</b>	Checks entire unit for visible damage		
<b>9</b>	Tests operational status of lighting equipment ( <b><i>Mandatory to PASS</i></b> )		
<b>10</b>	Explains the necessary maintenance that should occur after use to be placed in a ready state		
<b><i>POWER TOOL (Evaluator please indicate the tool to inspect)</i></b>			
	<b>Power Tool Inspected:</b>		
<b>11</b>	Checks all power tool components and accessories (i.e., chains/blades)		
<b>12</b>	Guards and safety devices in place and operable ( <b><i>Mandatory to PASS</i></b> )		
<b>13</b>	Explains the necessary maintenance that should occur after use to be placed in a ready state		
<b>14</b>	Tests operating status of power tool while generator is running ( <b><i>Mandatory to PASS</i></b> )		
<b>15</b>	Tool operated safely and as intended ( <b><i>Mandatory to PASS</i></b> )		
<b>16</b>	Completes all tasks without compromising personal safety		
<b>Please circle final skill outcome</b>		<b>PASS</b>	<b>FAIL</b>

**Evaluator Comments:** \_\_\_\_\_

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**Evaluator Signature:** \_\_\_\_\_ **Evaluator #** \_\_\_\_\_



## PENNSYLVANIA STATE FIRE ACADEMY FIREFIGHTER II SKILL STATIONS

<b>STATION E: Gas Cylinder Fire Control</b>		<b>Reference NFPA 1001 - 2013 Edition Chapter 6 Mandatory/Random Station: JPR 6.3.3</b>	
<b>Test Site</b>	<b>Test Date</b>	<b>Candidate #</b>	<b>Check the Test Type</b> _____ <b>Initial</b> _____ <b>Retest</b>

**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 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 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 cylinder		
7	Nozzle operator protects crew with 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 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		
<b>Please circle final skill outcome</b>		<b>PASS</b>	<b>FAIL</b>

**Evaluator Comments:** \_\_\_\_\_  
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**Evaluator Signature:** \_\_\_\_\_ **Evaluator #** \_\_\_\_\_



## PENNSYLVANIA STATE FIRE ACADEMY FIREFIGHTER II SKILL STATIONS

<b>STATION F: Combustible Liquid Fire Control</b>		<b>Reference NFPA 1001 - 2013 Edition Chapter 6 Mandatory/Random Station: JPR 6.3.1</b>	
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 safe have, 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 proper nozzle for foam application		
3	Team creates a workable foam line; tests line for foam operation prior to attack		
4	A safe-haven is identified prior to advancing 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		
<b>CANDIDATES SWITCH POSITIONS AND REPEAT TASKS 5 THRU 13</b>			
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		
<b>Please circle final skill outcome</b>		<b>PASS</b>	<b>FAIL</b>

**Evaluator Comments:** \_\_\_\_\_  
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**Evaluator Signature:** \_\_\_\_\_ **Evaluator #** \_\_\_\_\_





## PENNSYLVANIA STATE FIRE ACADEMY FIREFIGHTER II SKILL STATIONS

<b>STATION G: Hose - Service Testing</b>		<b>Reference NFPA 1001 - 2013 Edition Chapter 6 Random Station: JPR 6.5.5</b>	
<b>Test Site</b>	<b>Test Date</b>	<b>Candidate #</b>	<b>Check the Test Type</b> _____ <b>Initial</b> _____ <b>Retest</b>

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

**Directions:** Using the equipment before you, conduct an annual hose service test on a 50-foot section of hose. Instruct the pump operator when you want valves open/shut and/or pressures increased/decreased. Do you have any questions?

**Performance Outcome:** Pass / Fail is determined by **11** of **15** tasks being correctly performed.

No.	Tasks	Yes	No
1	Physical inspection of the hose and couplings (free of debris and/or signs of damage)		
2	Hose is laid out straight without kinks or twists		
3	Hose gaskets were checked prior to making all connections		
4	Hose couplings are properly connected and all connections are spanner wrench tight		
5	Test gate valve is attached to pumper discharge; Test hose is connected to the test gate valve		
6	Rope hose tool, rope, or strap is used to anchor hose to pumper at test gate valve		
7	Rope is secured/anchored 10" to 15" from test gate valve. (Mandatory to PASS)		
8	Appropriate nozzle is attached to end of test hose.		
9	Hose line is properly filled; air is bled from hose line		
10	Nozzle is held above the level of the pump discharge while bleeding the hose-line.		
11	Hose is marked at couplings		
12	Leaking couplings are properly dealt with (tightened, gasket changed)		
13	Hose test gate valve is properly closed		
14	Pressure ordered to be increased to the appropriate value based on NFPA 1962 (2013 Ed.)		
	<ul style="list-style-type: none"> <li>Any fire hose marked must be service tested to the pressure stamped/marked on the hose.</li> <li>Attack fire hose not marked must be tested to a minimum 300 psi.</li> <li>Supply fire hose not marked must be tested to a minimum 200 psi</li> </ul>		
15	Pressure increased at an acceptable rate (>15psi per second) until desired pressure is attained		
16	Three (3) minute timeframe is ordered for maintaining of pressure		
17	At conclusion, pressure is ordered slowly reduced and discharge valves closed		
18	Pressure is bled off at the nozzle; hose is uncoupled and drained		
19	Marks made at the hose couplings are examined for creep		
20	Results of test are reported to evaluator for recording		
21	Completes all tasks without compromising personal or team safety		
<b>Please circle final skill outcome</b>		<b>PASS</b>	<b>FAIL</b>

**Evaluator Comments:** \_\_\_\_\_

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**Evaluator Signature:** \_\_\_\_\_ **Evaluator #** \_\_\_\_\_



## PENNSYLVANIA STATE FIRE ACADEMY FIREFIGHTER II SKILL STATIONS

<b>STATION H: Fire Scene Preservation</b>		<b>Reference NFPA 1001 - 2013 Edition Chapter 6 Random Station: JPR 6.3.4</b>	
<b>Test Site</b>	<b>Test Date</b>	<b>Candidate #</b>	<b>Check the Test Type</b> _____ <b>Initial</b> _____ <b>Retest</b>

**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 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 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		
<b>Please circle final skill outcome</b>		<b>PASS</b>	<b>FAIL</b>

**Evaluator Comments:** \_\_\_\_\_  
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**Evaluator Signature:** \_\_\_\_\_ **Evaluator #** \_\_\_\_\_

