



PENNSYLVANIA STATE FIRE ACADEMY INDUSTRIAL FIRE BRIGADE – ADVANCED EXTERIOR

Industrial Fire Brigade: Advanced Exterior Skills Stations

NFPA 1081 – Chapter 6 (2012 Edition)

Station A	PPE & SCBA Cylinder Replacement	Mandatory Station
Station B	Search & Rescue	Mandatory / Random Station
Station C	SCBA Emergency Operations	Mandatory Station
Station D	Exterior Fire Attack	Mandatory Station
Station E	Salvage	Random Station
Station F	Forcible Entry / Overhaul	Mandatory / Random Station
Station G	Water Supply	Mandatory Station
Station H	Rapid Intervention	Mandatory / Random Station
Station I	Gaining Facility Access	Mandatory / Random Station
Station J	Combustible Liquid Fire Control	Mandatory / Random Station
Station K	Gas Cylinder Fire Control	Mandatory / Random Station
Station L	Operate a Fixed Fire Protection System	Random Station
Station M	Extinguish an Exterior Class C Fire	Random Station
Station N	Ground Ladders	Random Station
Station O	Alarm Conditions	Mandatory Station
Station P	Fire Safety Survey	Mandatory Station

OPTIONAL RADOM STATIONS

Either **Station B** or **Station H** **MUST** be used. The station not used as a mandatory station may be used as a random station.

Either **Station F** or **Station I** **MUST** be used. The station not used as a mandatory station may be used as a random station

Either **Station J** or **Station K** **MUST** be used. The station not used as a mandatory station may be used as a random station.



PENNSYLVANIA STATE FIRE ACADEMY INDUSTRIAL FIRE BRIGADE – ADVANCED EXTERIOR

STATION A – Personal Protective Equipment & SCBA Cylinder Replacement		Reference NFPA 1081 (2012 Edition) Chapter 6 Mandatory Station: JPRs 6.2.1, 6.2.2	
Test Site	Test Date	Candidate #	Check the Test Type ____ Initial ____ Retest

Directions: Demonstrate the ability to don, work in, and doff thermal Personal Protective Equipment (PPE) including a Self-Contained Breathing Apparatus (SCBA). While wearing PPE and SCBA, and while controlling your breathing, demonstrate the ability to replace an SCBA air cylinder. Once completed, demonstrate the proper PPE doffing procedures. Do you have any questions?

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

No.	Tasks	Yes	No
	Donning PPE		
1	<input type="checkbox"/> All closures and straps are secured <input type="checkbox"/> Coat collar is up and secured <input type="checkbox"/> Hood is donned properly <input type="checkbox"/> Helmet with chin strap is in place <input type="checkbox"/> Gloves are on		
2	Sets SCBA backpack on back and secures all straps		
3	Dons face piece, sets straps, checks seal, and confirms exhalation valve operations		
4	Opens cylinder valve fully		
5	Connects to regulator / face piece		
6	Operates by-pass / purge on command (if applicable)		
7	Controls breathing		
8	Dons PPE correctly in 2 minutes (120 seconds) or less		
9	Dons SCBA correctly in 2 minutes (120 seconds) or less		
	Doffing PPE		
10	Removes helmet, gloves, SCBA, and face piece		
11	Removes coat, pants, hood, and boots		
	Replaces SCBA cylinder		
12	Checks main valve to determine the cylinder is off		
13	Bleeds pressure and removes high pressure hose from cylinder		
14	Removes empty cylinder from harness		
15	Places a full cylinder in the harness assembly and attaches high pressure hose		
16	Completes all tasks without compromising personal safety		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____



PENNSYLVANIA STATE FIRE ACADEMY INDUSTRIAL FIRE BRIGADE – ADVANCED EXTERIOR

STATION B – Search and Rescue		Reference NFPA 1081 (2012 Edition) Chapter 6 Mandatory (Optional Random) Station: JPRs 6.2.2, 6.2.4, 6.2.8	
Test Site	Test Date	Candidate #	Check the Test Type ____ Initial ____ Retest

Evaluator Note - Please check the scenario tested (as required for Task 5):

- ____ A. Brigade member functioning SCBA (Fire brigade member)
- ____ B. Brigade member malfunctioning SCBA (Fire brigade member)
- ____ C. Person no respiratory protection (Non-brigade member)

Directions: While in full protective clothing and using a SCBA, flashlight, forcible entry tools, and hand lines, and while using supplied equipment correctly, as a member of a team conduct a search and rescue operation in limited-visibility conditions. Ensure all assigned areas are searched and all trapped or incapacitated victims are located and removed. Maintain team integrity and assure team safety is not compromised, to include respiratory protection. Finally, exit the hazardous environment as a team. Do you have any questions?

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

No.	Tasks	Yes	No
1	Selects proper tool(s) for search – Please list the equipment used: a. _____ b. _____ c. _____		
2	Verbalizes elements which create or indicate a hazard for the given operation and communicates effectively what constitutes a safe-haven		
3	Conducts operations appropriately in limited-visibility conditions		
4	Executes correctly a "restricted passages" procedure		
5	Team effectively executes a rescue of a fire brigade team member (indicate scenario above)		
6	Determines tenability of area(s) involved in the scenario (6.2.4) and verb		
7	Team locates and appropriately removes victim		
8	Communicates effectively (verbal/visual/touch) with team members		
9	Exits hazardous area as a team so that a safe-haven is found before exhausting their air supply, others are not endangered, and team integrity is maintained.		
10	Completes all tasks without compromising personal or team safety		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #:** _____



PENNSYLVANIA STATE FIRE ACADEMY INDUSTRIAL FIRE BRIGADE – ADVANCED EXTERIOR

STATION C – SCBA Emergency Operations		Reference NFPA 1081 (2012 Edition) Chapter 6 Mandatory Station: JPR 6.2.2, 6.2.8	
Test Site	Test Date	Candidate #	Check the Test Type ____ Initial ____ Retest

Evaluator Note: Select one procedure from the conservation of air and the depletion of air tasks below; indicate to the candidate the option selected and mark the same on this skill sheet. All candidates must do the SCBA failure procedure.

Directions: While wearing full protective clothing (helmet, hood, boots, gloves, coat and trousers) and a SCBA unit, demonstrate the following: conservation of air breathing technique; procedure for air flow interruption; and technique for air supply depletion. Do you have any questions?

Performance Outcome: Pass / Fail is determined by **4 of 4** tasks being correctly performed.

No.	Tasks	Yes	No	
CONSERVATION OF AIR				
1	A) Upon command from the evaluator, demonstrate controlled breathing (e.g., inhales through the nose, exhales through the mouth, and controls breathing rate)			
	B) Upon command from the evaluator, demonstrate skip breathing (e.g., takes a breath and holds, takes another breath, exhales, and repeats the same)			
DEPLETION OF AIR SUPPLY				
2	A) Emergency procedures when out of air with no air re-supply available Activate pass device, establish filter breathing while staying as low as possible and quickly exits the hazardous area.			
	B) Emergency procedures when out of air with trans-fill or buddy breathing capability available Attaches trans-fill or buddy breather hose to both SCBA units; exits hazardous area			
SCBA FAILURE				
3	Emergency procedures when air is not flowing into the face piece: ____ Checks that cylinder is fully open ____ Closes mainline (if applicable) ____ Opens bypass slowly ____ Closes bypass after each breath ____ Opens bypass for next breath ____ Exits hazardous area rapidly			
	4	Completes all tasks without compromising personal safety		
	Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____



PENNSYLVANIA STATE FIRE ACADEMY INDUSTRIAL FIRE BRIGADE – ADVANCED EXTERIOR

STATION D – Exterior Fire Attack		Reference NFPA 1081 (2012 Edition) Chapter 6 Mandatory Station: JPRs 6.2.1, 6.2.3, 6.2.6	
Test Site	Test Date	Candidate #	Check the Test Type ____ Initial ____ Retest

Evaluator Note: Please list the type of exterior fire _____

Directions: Given an assignment, a water source, hose line, tools, PPE, and SCBA, and while operating as a member of a team, attack an exterior fire so that team integrity is maintained, the attack line is correctly deployed for advancement, access is gained into the fire area, fire is brought under control, and hidden fires are located and controlled. Do you have any questions?

Performance Outcome: Pass / Fail is determined by **17 of 17** tasks being correctly performed.

No.	Tasks	Yes	No
1	Selects and uses appropriate PPE and SCBA and states potential long-term consequences of exposure to combustion products		
2	Determines / identifies escape route(s) and safe-haven		
3	States principle/need for exposure protection and determines exposure threats		
4	Team advances/extends uncharged hose line to the indicated fire area		
5	Team orders handline charged		
6	Team advances charged hose line		
7	Nozzle operator chooses correct nozzle pattern and application technique (direct/indirect), operates hose line, and evaluates & modifies water application so that results of effective application are observable (6.2.3) while preventing water hammer in operating hose-line		
8	Evaluates for complete extinguishment of fire		
	ON EVALUATOR COMMAND: Team members change position. The team replaces simulated burst hose line and a second attack is made after line is replaced.		
9	Team secures and deploys replacement sections of replacement hose		
10	Team stops flow of burst line by applying hose clamp (if provided) or kinking hose		
11	Team disconnects burst section and substitutes replacement sections		
12	Team removes burst section from vicinity of hose line		
13	Second fire attack is made		
14	Team conducts appropriate overhaul to locate and suppress/extinguish hidden fires		
15	Team retreats in a safe manner		
16	Team marks / indicates the defective section is Out-of-Service (OOS)		
17	Completes all tasks without compromising personal or team safety		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____



PENNSYLVANIA STATE FIRE ACADEMY INDUSTRIAL FIRE BRIGADE – ADVANCED EXTERIOR

STATION E – Salvage		Reference NFPA 1081 (2012 Edition) Chapter 6 Random Station: JPR 6.2.5	
Test Site	Test Date	Candidate #	Check the Test Type ____ Initial ____ Retest

Directions: As a team, inspect each salvage cover, verbally indicate what you are doing, and what you find. As a team, fold one cover into a "one-man" roll and the other into a "two-man" fold. Next place all the furnishing into an area and cover them all with a salvage cover. Remove this cover; using one cover construct a water chute and properly position it for use, next using the second cover, construct a catchall. Then appropriately secure the building openings with the materials provided. Do you have any questions?

Performance Outcome: Pass / Fail is determined by **12 of 17** tasks being correctly performed.

No.	Tasks	Yes	No
1	Spreads out both salvage covers for inspection		
2	Checks for dirt, mildew, rot, holes or other damage		
3	Explains how repairs will be made		
4	Explains cleaning and drying procedures		
5	Prepares a cover and makes a one-man roll		
6	Demonstrates neatness and usability of the finished one-man roll		
7	Prepares a cover and makes a two-man fold		
8	Demonstrates neatness and usability of the finished two-man fold		
9	Arranges all furnishing / content in an area to be covered		
10	Deploys the salvage cover over the furnishings / content		
11	Makes final positioning / adjustment of cover		
12	Appropriately removes the cover to minimize additional damage		
13	Secures properly building openings (i.e., doors, windows, floor/roof openings)		
	<u>CONSTRUCT A WATER CHUTE</u>		
12	Positions step ladder towards opening		
13	Utilizing pike poles, prepares the salvage covers on the floor/ground		
14	Positions chute with pike pole hooks on ladder and extends chute to opening		
15	Completes final adjustment of chute		
	<u>CONSTRUCT WATER CATCHALL</u>		
16	Constructs an appropriate catchall: Identify type catchall ____ Shallow ____ Deep		
17	Completes all tasks without compromising personal or team safety		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____



PENNSYLVANIA STATE FIRE ACADEMY INDUSTRIAL FIRE BRIGADE – ADVANCED EXTERIOR

STATION F – Forcible Entry / Overhaul		Reference NFPA 1081 (2012 Edition) Chapter 6 Mandatory (Optional Random) Station: JPRs 6.2.6, 6.3.10	
Test Site	Test Date	Candidate #	Check the Test Type ____ Initial ____ Retest

Evaluator Note: Indicate the fire area (i.e., warm to touch) behind the wall for Task 2.

Directions: Select an appropriate tool from those provided, then check the wall for hidden fires by opening it and remove any debris. When done restore the tools and equipment back into service. Do you have any questions?

Performance Outcome: Pass / Fail is determined by **4 of 7** tasks being correctly performed.

No.	Tasks	Yes	No
1	Selects appropriate tool(s)		
2	Wall is felt for heat with back of hand before opening (Evaluator indicates)		
3	Wall is opened using proper technique for material from which it is constructed		
4	Debris is placed in metal containers provided and removed from the area		
5	A sufficient opening is made for proper examination (<i>Mandatory to Pass</i>)		
6	Candidate cleans and inspects tools and equipment for damage a. Explains the necessary equipment maintenance that should occur after use b. Appropriately tags damaged equipment		
7	Recognizes reasons for preservation of origin and fire cause		
8	Completes all tasks without compromising personal or team safety		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____



PENNSYLVANIA STATE FIRE ACADEMY INDUSTRIAL FIRE BRIGADE – ADVANCED EXTERIOR

STATION G – Water Supply and Master Stream Operations		Reference NFPA 1081 (2012 Edition) Chapter 6 Mandatory Station: JPRs 6.2.7, 6.3.3	
Test Site	Test Date	Candidate #	Check the Test Type ____ Initial ____ Retest

Evaluator Note: You may serve as the pump operator for this skill station if needed. Also, provide the candidate the type scenario encountered and indicate the same in Task 9.

Directions: Given a scenario and while evaluating / forecasting the fire’s growth / development, establish a water supply and appropriately utilize a master stream appliance in respect to the effects on ventilation or search and rescues procedures, or property conservation efforts. Assure an adequate water supply is established and maintained for the scenario presented. Do you have any questions?

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

No.	Tasks	Yes	No
1	Evaluates and forecast fire’s growth		
2	Verbalizes uses for master stream appliance application		
3	Selects and implements master stream appliances		
4	Makes necessary hose / appliance connections		
5	Determines that the pump operator is ready for water (if applicable)		
6	Positions body in proper position before opening hydrant		
7	Hydrant is fully opened		
8	Closes hydrant fully on command of the pump operator		
9	Removes hose / gate, and checks for proper draining operation		
10	Identifies damage to water supply system		
11	Demonstrate the effect of a master stream for the given scenario ____ Ventilation ____ Search & Rescue ____ Property conservation		
12	Completes all tasks without compromising personal or team safety		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____



PENNSYLVANIA STATE FIRE ACADEMY INDUSTRIAL FIRE BRIGADE – ADVANCED EXTERIOR

STATION H – Rapid Intervention Crew (RIC)		Reference NFPA 1081 (2012 Edition) Chapter 6 Mandatory (Optional Random) Station: JPRs 6.2.9, 6.1.2.2	
Test Site	Test Date	Candidate #	Check the Test Type ____ Initial ____ Retest

Directions: Using full protective clothing, SCBA, flashlight, forcible entry tools and hose line(s), and interfacing with a mutual aid organization, per operational procedures, in a unified command and as a part of a RIC, conduct a search and rescue operation so that all assigned areas are searched and all trapped / incapacitated victims are located and removed, team integrity is maintained and team members’ safety including respiratory protection is not compromised, and exit the hazardous environment as a team. Do you have any questions?

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

No.	Tasks	Yes	No
1	Selects proper PPE and determines resources / tool(s) needed for search		
2	Employs appropriate atmospheric monitoring equipment for the scenario		
3	As an integrated team, in accord with mutual aid personnel and under a unified command, advances uncharged hose line, and positions for attack		
4	Team orders handline charged		
5	Team advances charged hose line		
6	Checks door for heat level before entering		
7	Stays low to the floor		
8	Demonstrates maximum coverage and sweeps with tool or body		
9	Team locates and removes victim utilizing appropriate drag / move		
10	Communicates effectively (verbal/visual/touch) with command and with other personnel and mutual aid organizations (e.g., EMS, FD, etc.)		
11	Exits hazardous area as a team so that a safe-haven is found before exhausting the air supply, others are not endangered, and team integrity is maintained.		
12	Completes all tasks without compromising personal or team safety		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____



PENNSYLVANIA STATE FIRE ACADEMY INDUSTRIAL FIRE BRIGADE – ADVANCED EXTERIOR

STATION I – Gaining Facility Access		Reference NFPA 1081 (2012 Edition) Chapter 6 Mandatory (Optional Random) Station: JPRs 6.3.2, 6.1.2.1, 6.1.2.2	
Test Site	Test Date	Candidate #	Check the Test Type ____ Initial ____ Retest

Directions: Given an assignment and a pre-incident plan, facility keys, appropriate forcible entry tools, information, and an area/location with known hazards, identify the hazards and implement the response plan per the plan, gain access the area/location identified by the evaluator within the facility and ensure the area remains accessible during advanced exterior industrial operation.

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

No.	Tasks	Yes	No
1	Identifies components (i.e., suppression/detection systems, structural features, specific hazards, response considerations)		
2	Identifies on the pre-incident plan common symbols used in diagramming construction features, utilities, hazards, and fire protection systems		
3	Identifies hazards / site specific hazards: a. overhead clearance b. roadway load restrictions c. water supply access routes d. electrical		
4	Communicates findings (verbal and/or written) effectively to the proper authority(s)		
5	Selects appropriate tool(s) for access to selected area		
6	Makes entry in area/location		
7	Assure access is maintained during advanced exterior operations		
8	Completes all tasks without compromising personal or team safety		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____



PENNSYLVANIA STATE FIRE ACADEMY INDUSTRIAL FIRE BRIGADE – ADVANCED EXTERIOR

STATION J - Combustible Liquids Fire Control		Reference NFPA 1081 (2012 Edition) Chapter 6 Mandatory (Optional Random) Station: JPR 6.3.4	
Test Site	Test Date	Candidate #	Check the Test Type ____ Initial ____ Retest

Directions: As a team, select and assemble the proper appliances to create a 1½” foam line. Using the hose line created, attack the pit fire. Upon achieving knockdown, change positions and attack the fire again and complete its extinguishment. Do you have any questions?

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

No.	Tasks	Yes	No
1	Team selects and connects proper foam educator and sets correct percentage ratio		
2	Team selects and connects proper nozzle		
3	Team creates a workable foam line & tests line for foam operation prior to attack		
4	Attack is made from upwind direction (where possible)		
5	Knockdown is achieved timely using proper nozzle application technique		
6	Change of nozzle operator takes place smoothly		
7	New nozzle operator achieves total extinguishment in a timely fashion using proper nozzle technique		
8	Team appropriately backs away from extinguished fire / prevents re-flash		
9	Team disassembles foam educator and nozzle and returns same to storage		
10	Completes all tasks without compromising personal or team safety		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____



PENNSYLVANIA STATE FIRE ACADEMY INDUSTRIAL FIRE BRIGADE – ADVANCED EXTERIOR

STATION K – Gas Cylinder Fire Control		Reference NFPA 1081 (2012 Edition) Chapter 6 Mandatory (Optional Random) Station: JPR 6.3.5	
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 nozzle operator and repeat the evolution. Do you have any questions?

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

No.	Tasks	Yes	No
1	Identifies components of a flammable gas system		
2	Crew selects an attack line (allowable sizes 1 ½” to 2 ½”) with a combination nozzle		
3	Assesses gas storage container integrity and changing conditions		
4	Verbalizes procedure if fire is prematurely extinguished		
5	Crew starts advancing the attack line utilizing a straight stream to cool cylinder		
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 by-passing fog stream		
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		
	Upon direction from the evaluator, team changes nozzle operator and repeats steps 2 – 9		
13	Completes all tasks without compromising personal or team safety		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____



PENNSYLVANIA STATE FIRE ACADEMY INDUSTRIAL FIRE BRIGADE – ADVANCED EXTERIOR

STATION L – Operate a Fixed Fire Protection System		Reference NFPA 1081 (2012 Edition) Chapter 6 Random Station: JPRs 6.3.8, 6.1.2.1	
Test Site	Test Date	Candidate #	Check the Test Type ____ Initial ____ Retest

Evaluator Note: Please mark the type of system and method used: ____ **Electrical** ____ **Mechanical**
 ____ **Standpipe** ____ **Sprinkler**

Directions: Given a pre-plan, identify the components (i.e., suppression/detection systems, structural features, response considerations); then given a scenario, identify the fixed fire protection system and the procedure to activate/operate the system via electrical or mechanical means. Do you have any questions?

Performance Outcome: Pass / Fail is determined by **9 of 9** tasks being correctly performed.

No.	Tasks	Yes	No
1	States system overrides and manual intervention procedures		
2	Demonstrates shutdown procedures to prevent damage to system/associated systems		
	STANDPIPE		
3	Locates and identifies the main drain valve		
4	Opens and closes main drain valve		
	Wet Pipe System		
5	Reads indicated pressures		
6	Records PSI pressure on form for "system pressure" gauge		
	Dry Pipe System		
5	Reads indicated pressures		
6	Records psi pressure on form for "water pressure" gauge		
7	Records psi pressure on form for "air pressure" gauge		
8	Completes all tasks without compromising personal or team safety		
	SPRINKLER		
1	Selects correct size hose and advances to FD sprinkler connection (two 100' lines)		
2	Removes caps / accesses FDC and checks for gasket and obstructions		
3	Makes FDC connection with supply lines		
4	Connects supply lines to engine outlets		
5	Places ladder appropriately and demonstrates acceptable body position on ladder		
6	Demonstrates dexterous insertion of wedge(s) / stop(s)		
7	Closes sprinkler head effectively or significantly minimizes the water flow		
8	Identifies main control valve, closes value, and opens upon evaluator's command		
9	Completes all tasks without compromising personal or team safety		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____



**PENNSYLVANIA STATE FIRE ACADEMY
INDUSTRIAL FIRE BRIGADE – ADVANCED EXTERIOR**

STATION L – Operate a Fixed Fire Protection System		Reference NFPA 1081 (2012 Edition) Chapter 6 Random Station: JPRs 6.3.8, 6.1.2.1	
Test Site	Test Date	Candidate #	Check the Test Type ____ Initial ____ Retest

____ **Wet Pipe System**

____ **Dry Pipe System**

Pressure Recording Form

System Pressure Gauge: _____ **PSI**

Water Pressure Gauge: _____ **PSI**

Air Pressure Gauge: _____ **PSI**

Evaluator Comments: _____



PENNSYLVANIA STATE FIRE ACADEMY INDUSTRIAL FIRE BRIGADE – ADVANCED EXTERIOR

STATION M – Extinguish an Exterior Class C Fire		Reference NFPA 1081 (2012 Edition) Chapter 6 Random Station: JPRs 6.3.6, 6.3.9, 6.3.10	
Test Site	Test Date	Candidate #	Check the Test Type ____ Initial ____ Retest

Directions: Given a scenario, a copy of the facility layout, and a selection of fire extinguishers / extinguishing agents, and while wearing appropriate PPE chooses the proper extinguishing agent and extinguish the fire so re-ignition is prevented, and the team protection is maintained. Be sure to explain the extinguishing characteristics, uses, and limitations of the agent used. The return the equipment to service or reported otherwise in accordance with facility policies / procedures. Do you have any questions?

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

No.	Tasks	Yes	No
1	Dons appropriate PPE		
2	Recognize the response hazards		
3	Explains the extinguishing characteristics, uses, and limitations of the agent		
4	Selects a proper extinguishing agent from storage location(s)		
5	Team advances and applies the extinguishing agent properly for scenario tested		
6	Team evaluates and indicates all materials are extinguished		
7	Team appropriately retreats to a safe distance		
8	Cleans and inspects equipment (i.e., Fire Extinguisher) a. inspects for damage (bale, nozzle, hoses, etc.) b. explains the necessary maintenance of the equipment after use c. appropriately tags out damaged equipment		
9	Completes all tasks without compromising personal or team safety		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____



PENNSYLVANIA STATE FIRE ACADEMY INDUSTRIAL FIRE BRIGADE – ADVANCED EXTERIOR

STATION N – Ground Ladders		Reference NFPA 1081 (2012 Edition) Chapter 6 Random Station: JPRs 6.3.10, 6.3.11	
Test Site	Test Date	Candidate #	Check the Test Type ____ Initial ____ Retest

Directions: As a team, put the extension ladder in service. Carry the ladder to the building, place it, raise it, extend the fly section, and set it for rescue operations. Secure the ladder at the top and/or bottom. Once secured, untie, lower, and return the ladder to service. Do you have any questions?

Performance Outcome: Pass / Fail is determined by **10 of 13** tasks being correctly performed.

Note: Tasks 8 and 13 are MANDATORY.

No.	Tasks	Yes	No
1	Team removes ladder from apparatus/location and prepares for a two-person carry.		
2	Team assumes acceptable positions during the carry		
3	Team verbalizes what constitutes a stable foundation for ladder placement and places ladder in line with target		
4	Team properly raises the ladder		
5	Team extends the fly section to the correct level/height for a rescue		
6	Team checks the ladder for proper angle / position		
7	Team secures the halyard		
8	Team secures the ladder at top and/or bottom (MANDATORY TO PASS)		
9	Team tests ladder for secure mounting by attempting to move top or bottom		
10	Team unties ropes securing the ladder		
11	Team retracts fly and lowers ladder		
12	Team lifts and carries ladder to apparatus		
13	Completes all tasks without compromising personal or team safety		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____



PENNSYLVANIA STATE FIRE ACADEMY INDUSTRIAL FIRE BRIGADE – ADVANCED EXTERIOR

STATION O – Alarm Conditions		Reference NFPA 1081 (2012 Edition) Chapter 6 Mandatory Station: JPR 6.3.7	
Test Site	Test Date	Candidate #	Check the Test Type ____ Initial ____ Retest

Directions: Given an alarm signaling system, a procedure, and an assignment, interpret alarm conditions so the alarm condition is correctly interpreted, and a response is initiated.

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

No.	Tasks	Yes	No
1	Identifies difference between alarms		
2	Identifies hazards protected by detection systems		
3	Identifies hazards associated with each type of alarm condition		
4	Implements response		
5	Provides information through communications		
6	Completes the assignment in a professional manner		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____



PENNSYLVANIA STATE FIRE ACADEMY INDUSTRIAL FIRE BRIGADE – ADVANCED EXTERIOR

STATION P – Fire Safety Survey		Reference NFPA 1081 (2012 Edition) Chapter 6 Mandatory Station: JPR 6.3.1, 6.1.2.1, 6.1.2.2	
Test Site	Test Date	Candidate #	Check the Test Type ____ Initial ____ Retest

Directions: Given an assignment and survey forms, perform a fire safety survey in a facility so that fire and life safety hazards are identified; re commendations for correction and unresolved issues are referred to the proper authority.

Note: Refer to the Fire Brigade Candidate Handbook for the forms to use and additional information.

Performance Outcome: Pass / Fail is determined by **4 of 4** tasks being correctly performed.

No.	Tasks	Yes	No
1	Recognizes hazards		
2	Matches/determines hazard risks found to pre-approved recommendations		
3	Communicates findings (verbally and/or in writing) to the proper authority		
4	Completes forms for the assignment in a professional manner		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____