



PENNSYLVANIA STATE FIRE ACADEMY CONFINED SPACE RESCUE TECHNICIAN SKILL STATIONS

****Attention:** All certification candidates are required to have an established and up to date user portal account in the PA State Fire Academy's Acadis Learning Management System prior to participating in **ANY** certification testing opportunity. Please log in to your Acadis portal account and update all personal information before submitting your certification application. (Access can be gained through the OSFC website – [Training and Certification Portal](#)).

Skill Stations

NFPA 1006 Confined Space Rescue Technician – Chapter 7 (2021 Edition)

Station A	Confined Space Preplan (1 Evaluator)	Mandatory
Station B	Confined Space: Search & Rescue: Vertical Victim Rescue (3 Evaluators)	Mandatory

All skills in the Confined Space Rescue Technician Level Skills Menu are Mandatory. All skills in the Confined Space Rescue Technician level **MUST** be passed with 100% of tasks being checked "YES." Any task checked "NO" in a skill station is a failure of that skill.

HOWEVER, skill B is broken into "SECTIONS." Candidates who are unsuccessful at completing a section of skill B will only have to retest on the section that they failed.

Candidates who are unsuccessful at two or more sections in Skill Station B, "Confined Space Search & Rescue: Vertical Victim Rescue," **WILL HAVE** to retest the entire skill station.

AT NO TIME will a candidate, evaluator, participant, facility staff, etc., approach any edge where a fall of more than three (3) feet is possible without being attached to a fall protection system or a travel restraint system, unless they are attached to the main line and belay line or a twin tensioned system. Failure to follow these instructions will be an automatic failure of the station.

Minimum PPE for Confined Space Rescue testing:

- Helmet/hardhat with chinstrap
- ANSI eye protection
- Gloves
- Safety toed footwear



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STATION A – Confined Space Preplan		Reference NFPA 1006 (2021 Edition), Chapter 7 Mandatory Station: JPRs 7.3.2	
Test Site	Test Date	Candidate #	Check the Test Type _____Initial _____Retest

Evaluator Note: Station scenario will be preplanning a confined space using a provided preplan form.

Directions: Given a preplan form, jurisdictional protocols, and a confined space, the candidate will complete a preplan of a confined space so that hazards are identified, hazard control strategies are provided, PPE and respiratory protection needs are identified, space obstructions and configurations are provided, atmospheric monitoring and ventilation needs are addressed, access and entry points are identified, special equipment needs are identified, energy sources are identified, isolation strategies and isolation points/areas are located and identified in the preplan.

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

No.	Tasks	Yes	No
1	Identifies the type of space (permit or non-permit)		
2	Provides a description and location of the space		
3	Identifies hazards, space configurations, and space obstructions		
4	Identifies hazard control strategies		
5	Identifies PPE and respiratory protection needs		
6	Identifies atmospheric monitoring and ventilation needs		
7	Identifies access and entry points		
8	Identifies special equipment/resource needs		
9	Identifies energy sources, energy hazard isolation strategies, and energy isolation points/areas		
10	Provides site address, site/company name, and site point of contact information		
11	Preplan is complete, readable, and accurate		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____

Evaluator # _____



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STATION B – Confined Space Search & Rescue: Vertical Victim Rescue		Reference NFPA 1006 (2021 Edition), Chapter 7 Mandatory Station: JPRs 7.2.18, 7.3.1, 7.3.3, 7.3.4, 7.3.5, 7.3.6, 7.2.10, 7.2.17, 7.2.18	
Test Site	Test Date	Candidate #	Check the Test Type ____ Initial ____ Retest

Evaluator Note: Station scenario will require the candidates to execute a vertical victim rescue within a confined space requiring PPE and respiratory protection (SAR/SABA).

Evaluator Note: All skills in the Confined Space Rescue Technician Level Skills Menu are Mandatory. All skills in the Confined Space Rescue Operation level MUST be passed with 100% of tasks being checked "YES." Any task checked "NO" in a skill station is a failure of that skill.

HOWEVER, skill B is broken into "SECTIONS." Candidates who are unsuccessful at completing a section of skill B will only have to retest on the section that they failed. Candidates who are unsuccessful at two or more sections in Skill Station B, "Confined Space Search & Rescue: Vertical Victim Rescue," WILL HAVE to retest the entire skill station.

Directions: Given life safety rope, rope rescue equipment, atmospheric monitoring equipment, PPE, SAR/SABA unit, a short spinal immobilization device, and patient transfer device, the candidates, working as a team, will establish a portable high-point anchor, construct and operate a retrieval system, construct and operate a belay system, setup and operate a supplied air respirator system, perform a system safety check prior to operation, so that a victim search is completed within a confined space, the victim is located, assessed, packaged, and removed from a vertical confined space.

- *Candidates will work as a team of 4-6 rescuers. Each Team will be broken into three groups that will perform the skills. Groups will proceed through the section assignments comprised of the four sections of the skill station as listed below. The assignment tasks are as follows:*

	<i>Rotation 1</i>	<i>Rotation 2</i>	<i>Rotation 3</i>
○ <i>Sections 1 & 4</i>	<i>Group 1</i>	<i>Group 2</i>	<i>Group 3</i>
○ <i>Section 2</i>	<i>Group 2</i>	<i>Group 3</i>	<i>Group 1</i>
○ <i>Section 3</i>	<i>Group 3</i>	<i>Group 1</i>	<i>Group 2</i>

G1-1 is candidate one from Section 1 group, and **G1-2** is candidate two from Section 1 group

Performance Outcome: Pass / Fail is determined by **28 of 28** tasks correctly performed.

No.	Tasks	Yes	No
Section 1: Size-up Situational Awareness			
1	Performs incident size up (G1-1)		
2	Conducts incident briefing; identifies and manages hazards (G1-1)		
3	Performs atmospheric monitoring around entry point prior to committing resources (G1-2)		
4	Performs atmospheric monitoring within the confined space prior to entry (G1-2)		
5	Performs atmospheric monitoring continuously throughout the rescue operation (G1-2)		
6	Initiates proper ventilation within the confined space (G1-2)		
7	Rescuer evacuation is planned (G1-1)		
8	Completes operation in a safe and controlled manner		

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Cont.' - Station B: Confined Space Rescue Search & Rescue: Vertical Victim Rescue

Section 2: Rigging Retrieval System			
9	Assembles and positions portable high point over the entry point, if required		
10	Constructs and attaches retrieval system to the high-point		
11	Rigs/constructs, positions, and secures a belay system for the incident		
12	Utilizes edge/rope protection as required		
13	Performs system safety check prior to loading and operating the systems		
14	Lowers rescuers into the confined space in a smooth and controlled manner		
15	Operate system as intended when commanded by entrants		
16	Utilizes travel limiting or fall protection systems throughout the operation		
17	Completes operation in a safe and controlled manner		
Section 3: Victim Management			
18	Dons required PPE and SAR prior to entry		
19	Rescue entrants enter the space without removing SAR		
20	Rescue entrants have portable lighting and are attached to retrieval lines at all times		
21	Locates, assesses, and packages a victim for transport; communicates condition to IC		
22	Performs spinal immobilization correctly with minimal aggravation to possible injuries		
23	Packages a victim in a transfer device/lifting device for removal from the confined space		
24	Connects retrieval system and belay securely to the victim transfer device/litter		
25	Removes victim and rescuers from the confined space in a smooth and controlled manner		
26	The victim is delivered to EMS		
27	Completes operation in a safe and controlled manner		
Section 4: Termination			
28	Terminates the incident; conducts debriefing on-scene, confirms PAR (G1-1)		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ Evaluator # _____