PENNSYLVANIA STATE FIRE ACADEMY
STRUCTURAL COLLAPSE RESCUE OPERATIONS SKILL STATIONS

Effective March 1, 2026:

- All certification candidates are required to maintain an active Acadis user portal account. (Acadis portal location = OSFC website/ Training and Certification Portal, or click here: ENVISAGE Acadis®)
- All certification candidates are to be registered with the designated test site and rostered for the certification test.

Skill Stations

NFPA 1006 Structural Collapse Rescue Operations – Chapter 6 (2021 Edition)

Station A	Collapse Rescue: IAP, S&R, Shoring, & Victim Removal (2 Evaluators)	Mandatory Station
Station B	Heavy Object: Lift & Move (1 Evaluator)	Mandatory Station
Station C	Maintenance: PPE & Equipment (1 Evaluator)	Mandatory Station

All skills in the Structural Collapse Rescue Operation Level Skills Menu are Mandatory. All skills in the Structural Collapse Operations 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 A is broken into "SECTIONS." Candidates who are unsuccessful at completing a section of skill A will only have to retest on the section they failed. Candidates who are unsuccessful at two or more sections in Skill Station A, "Collapse Rescue: IAP, S&R, Shoring, & Victim Removal," 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 Structural Collapse Rescue testing:

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

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STATION A – Collapse Rescue: IAP, S&R, Shoring, & Victim Removal		**Reference NFPA 1006 (2021 Edition), Chapter 6 Mandatory Station: JPRs 6.2.1, 6.2.2, 6.2.3, 6.2.4, 6.2.5, 6.2.6, 6.2.7, 6.2.8, 6.2.11, 6.2.15**	
Test Site	**Test Date**	**Candidate #**	**Check the Test Type** **_____Initial _____Retest**

Evaluator Note: The station scenario will be a collapsed structure incident with one (1) entrapped/pinned victim located within a light-frame/URM structure.

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

HOWEVER, skill A is broken into "SECTIONS." Candidates who are unsuccessful at completing a section of skill A will only have to retest on the section they failed. Candidates who are unsuccessful at two or more sections in Skill Station A, "Collapse Rescue: IAP, S&R, Shoring, & Victim Removal," WILL HAVE to retest the entire skill station.

Evaluator Note: Each team must build one shore from the following lists. ONE shore from each category MUST be built by each team. At least one shore MUST be made from wood. ***MARK SHORES CONSTRUCTED:***

- ***ONE VERTICAL SHORE – T-Spot_____, Double T- Spot_____, or Vertical shore_____ AND***
- ***ONE HORIZONTAL SHORE – Window_____, Door_____, or Horizontal shore_____ AND***
- ***ONE RAKER SHORE – Flying Raker_____, Solid Sole_____, Split Sole raker shore_____***

Directions: Given a light-framed structural collapse rescue incident and background information, the candidate, working as a member of a team, will size up the incident, identify incident hazards, initiate isolation and scene control procedures, utilize FEMA Marking System, stabilize a light-frame/URM structure, search within the structure based on FEMA markings already located on building, locate and free an entrapped victim, and package a victim for removal, so that the incident scene is isolated and controlled, shoring is adequate for the material and collapse type, materials are cribbed throughout lifting maneuvers, and the victim is properly freed and packaged for removal.

Performance Outcome: Pass / Fail is determined by **24 of 24** tasks correctly performed.

No.	Tasks	Yes	No
Section 1: Size-up & Hazard Identification			
1	Works within an ICS		
2	Initiates scene control and gathers relevant information from bystanders		
3	Performs a size-up and develops a collapse rescue IAP		
4	Identifies the type(s) of collapse, construction type, and probable occupancy		
5	Attempts to identify the number of victims, victim conditions, and probable victim location(s) based on collapse type		
6	Determines structural stability and implements a collapse rescue IAP		
7	Conducts a team briefing, verbally communicates hazards, establishes teams, objectives, and assignments		
8	Ensure that RIT is in place and understands their duties		
Section 2: Shore, Breach, & Search			
9	Select and utilize the proper type of PPE and respiratory protection		
10	Continuously assess atmospheric conditions and uses ventilation as required		
11	Stabilizes/shores a light-weight construction/URM structure based on incident needs		

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Cont.' - Station A: Collapse Rescue: IAP, S&R, Shoring, & Victim Removal

12	Breaches light-weight construction/URM structural component(s) based on victim/patient condition and location		
13	Conducts a search for victims trapped within a light-weight construction/URM structure (Must utilize one technological device)		
	Fiber Optic _____ Acoustic/seismic _____ Thermal imaging/FLIR _____		
14	FEMA marking system utilized		
15	Provides status reports during tactical operations		
16	All tasks were completed in a safe and controlled manner		
Section 3: Victim Rescue			
17	Ensures rescuers change into proper BSI once patient contact is made		
18	Assesses victim condition and entrapment mechanism		
19	Releases the victim from entrapment by structural debris/components		
20	Cribs and stabilizes throughout all lifting operations		
21	Packages victim(s) for removal from the collapse		
22	Safely removes the victim from the collapse area to EMS		
23	All tasks were completed in a safe and controlled manner		
Section 4: Debriefing & Incident Termination			
24	Conducts debriefing, ensures PAR, Scene secure, and decontamination; terminates the assignment		
	Please indicate skill outcome	**PASS**	**FAIL**

Evaluator Comments: _____

_____

_____

_____

Evaluator Signature: _____ **Evaluator #**_____

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STATION B – Heavy Object: Lift & Move		**Reference NFPA 1006 (2021 Edition), Chapter 6 Mandatory Station: JPRs 6.2.9, 6.2.10, 6.2.12**	
Test Site	**Test Date**	**Candidate #**	**Check the Test Type _____Initial _____Retest**

Evaluator Note: Station scenario will be lifting, cribbing, and moving a heavy object at a collapsed structure incident. Candidates will move a (2000 lb. concrete block 15 feet, lift it to a height of three feet off of the ground, and then return it to the starting point.)

Directions: Given a structural collapse rescue incident and a heavy object to lift, crib, and move, the candidate, working as a member of a team, will assess the task, identify incident hazards, select and utilize required resources and equipment, and initiate lifting, cribbing, and moving strategies, so that the object is safely lifted, cribbed throughout the lifting and moving maneuver, and controlled and stable during the move.

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

No.	Tasks	Yes	No
1	Identify resource needs and required equipment for the lifting maneuver		
2	Develop and implement a plan for lifting, cribbing, and moving a heavy object		
3	Estimates the weight of the object to be moved		
4	Object is lifted in a safe and controlled manner		
5	Object is cribbed and stable throughout the maneuver		
6	Object is moved using pipes/rollers in a safe and controlled manner		
7	Object move speed and stability is maintained		
8	Object is safely positioned and secured at the designated resting site		
9	Assignment completed in a safe and controlled manner		
	Please indicate skill outcome	**PASS**	**FAIL**

Evaluator Comments: _____

_____

_____

_____

Evaluator Signature: _____ **Evaluator #**_____

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STATION C – Maintenance: PPE & Equipment		Reference NFPA 1006 (2021 Edition), Chapter 6 Mandatory Station: JPRs 6.2.13, 6.2.14	
Test Site	**Test Date**	**Candidate #**	**Check the Test Type** _____**Initial** _____**Retest**

Evaluator Note: Each candidate will inspect their own helmet, gloves, eye protection, and respiratory protection. They will describe how to inspect, clean and dry each piece of equipment. Then candidates will inspect and describe how to clean one piece of equipment from each category listed. Candidates will finish the station by filling out logs for each piece of PPE and equipment

Directions: Given structural collapse rescue PPE, respiratory protection, and collapse rescue equipment, the candidate will inspect, clean, and restore as needed rescue PPE, respiratory protection, and equipment, so that PPE and equipment is operational and in a state of readiness, all deficiencies are corrected, or damaged items are replaced, and manufacturer's recommendations are followed.

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

No.	PPE	Yes	No
1	Cleans and inspects rescue PPE/respiratory equipment per manufacturer's recommendations		
2	Sanitizes and dries PPE/respiratory equipment per manufacturer's recommendations		
3	Replaces/restores damaged/defective components or tags out of service as required		
4	Restores PPE/respiratory equipment to operational readiness		
5	Completes applicable logs and records		
	Rescue Equipment		
6	Cleans and inspects rescue equipment in accordance with manufacturer's recommendations		
	Electric Power Equipment _____ Gas Powered Equipment _____ Strut Component System _____ Air Bag System _____		
7	Checks consumable components for wear and operational safety or completeness		
8	Replaces/restores damaged/defective components or tags out of service as required		
9	Restores equipment to operational readiness		
10	Completes applicable logs and records (see attached copy of log to be used at skill station)		
11	Assignment completed in a safe and controlled manner		
	Please indicate skill outcome	**PASS**	**FAIL**

Evaluator Comments: _____

_____

_____

Evaluator Signature: _____ **Evaluator #**_____

Equipment Checklist and Station Log for Structural Collapse Response

This checklist ensures that critical personal protective equipment (PPE) is operational for structural collapse incidents. Regular inspection intervals are essential for compliance with the Pennsylvania State Fire Academy and NFPA standards

Date: _____

Inspected by: _____

Incident Type: Structural Collapse_____

1. Helmets

- **Helmet ID Number:**
- **Condition:**
  - Clean
  - Free from cracks or dents
  - Face shield or goggles intact
  - Chin strap functional

 Manufacturer Date:

- **Inspection Frequency**
  - Weekly
  - Monthly
  - Pre-Incident
- **Notes/Repairs Needed:**_____
  _____
  _____
  _____

2. Gloves

- **Glove Type:**
- **Condition:**
  - Free from cuts or tears
  - Proper fit (not too loose/tight)
  - Good dexterity maintained
  - Thermal and moisture barrier intact

- **Inspection Frequency:**

  - Weekly
  - Monthly
  - Pre-Incident

- **Notes/Repairs**

Needed:_____

3. Eye Protection

- **Type (Goggles/Safety Glasses):**
- **Condition:**
  - Lenses clear and scratch-free
  - Straps functional
  - Fit properly with helmet

- **Inspection Frequency:**

  - Weekly
  - Monthly
  - Pre-Incident

- **Notes/Repairs**

Needed_____

4. Respiratory Protection

- **Type (SCBA/Filter Mask):**
- **Condition:**
  - Clean and free from debris
  - Straps in good condition
  - Regulator functioning
  - Seals intact (for masks)
  - **Air Cylinder Pressure (for SCBA):** _____ psi
  - PASS device functioning

- **Inspection Frequency:**

  - Weekly
  - Monthly
  - Pre-Incident

- **Notes/Repairs Needed:**_____
_____
_____
_____
_____
_____

5. General Station Log

- **Station Activity:**
  - Equipment Checked
  - Drills Conducted
  - Maintenance Performed
- **Issues Noted:**
- **Repairs Conducted:**
- **Additional Comments:**

Signature of candidate performing the inspection: _____

Candidate Number_____