



CONFINED SPACE OPERATIONS

RECERTIFICATION TASK BOOK

APRIL 1, 2023



Confined Space Operations



INTRODUCTION

This task book is the evaluation tool used to validate the member's proficiency in the skills required to complete the Confined Space Operations recertification program. The National Fire Protection Agency (NFPA) 1006: *Technical Rescue Professional Qualifications* (2017 Edition) standard has specified Job Performance Requirements (JPRs) required by individuals to comply with Chapter 7. JPRs provide an individual completing a task with the necessary data to determine when the task is finished and indicate how well the individual performed.

INITIAL STATE CERTIFICATION PREREQUISITES

All rules relating to the Confined Space Operations certification can be found in the Joint Committee on Administrative Rules (JCAR) Section 141.352.

1. Current certification as Rope Operations.
2. Successful completion of a Confined Space Operations course (minimum of 40 hours).
3. Passage of the State Written and Practical Examinations.

RECERTIFICATION PROCESS

Each JPR must be completed at least one time to successfully recertify at this level. Members are encouraged to track additional completions as a way of tracking additional training in this area.

The complete recertification process can be found in JCAR Section 141.390 Recertifications.

REFERENCE LIST

Below is the list of the approved reference material.

- Confined Space Rescue Technical Manual, Revised 2nd Edition. CMC Rescue.



Confined Space Operations



TRAINING REQUIRED BY THE ILLINOIS OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION (IL-OSHA)		
STANDARD 1910.146	The employer shall provide training so that all employees whose work is regulated by this section acquire the understanding, knowledge, and skills necessary for the safe performance of the duties assigned under this section.	
Step	Skill	Complete
(g)(2)	Training shall be provided to each affected employee:	
(g)(2)(i)	Before the employee is first assigned duties under this section.	<input type="checkbox"/>
(g)(2)(ii)	Before there is a change in assigned duties.	<input type="checkbox"/>
(g)(2)(iii)	Whenever there is a change in permit space operations that presents a hazard about which an employee has not previously been trained.	<input type="checkbox"/>
(g)(2)(iv)	Whenever the employer has reason to believe either that there are deviations from the permit space entry procedures required by paragraph (d)(3) of this section or that there are inadequacies in the employee's knowledge or use of these procedures.	<input type="checkbox"/>
(g)(3)	The training shall establish employee proficiency in the duties required by this section and shall introduce new or revised procedures, as necessary, for compliance with this section.	<input type="checkbox"/>
(g)(4)	The employer shall certify that the training required by paragraphs (g)(1) through (g)(3) of this section has been accomplished. The certification shall contain each employee's name, the signatures or initials of the trainers, and the dates of training. The certification shall be available for inspection by employees and their authorized representatives.	<input type="checkbox"/>
Comments:		<input type="checkbox"/> Complete <input type="checkbox"/> Incomplete



Confined Space Operations



Name	
	First, Middle, Last
Address	
	Street, City, State, Zip
Phone	
Email Address	
Driver's License #	
Department Affiliation	
By my signature as employing Fire Chief, I attest and affirm this individual is an employee of my fire department meeting specifications in 50 Illinois Compiled Statutes (ILCS) 740/2, Illinois Fire Protection Training Act. I attest that this applicant has exhibited experience, and documentation exists supporting the appropriate Illinois Administrative Code. All recertification requirements for this individual have been met, applicable practical skill evolutions have been successfully accomplished, and training records exist substantiating this documentation and are available for review by the Division of Personnel Standards and Education.	
Fire Chief	

Initial Certification Date	
Task Book Started	
Task Book Completed	
Recertification Date	



Confined Space Operations



PROFICIENCY LOG SHEET

7.2	Confined Space Rescue Operations			Officer Initials
7.2.1	Date		Comments	
7.2.2	Date		Comments	
7.2.3	Date		Comments	
7.2.4	Date		Comments	
7.2.5	Date		Comments	
7.2.6	Date		Comments	
7.2.7	Date		Comments	
7.2.8	Date		Comments	
7.2.9	Date		Comments	
7.2.10	Date		Comments	
7.2.11	Date		Comments	
7.2.12	Date		Comments	
7.2.13	Date		Comments	
7.2.14	Date		Comments	
7.2.15	Date		Comments	
7.2.16	Date		Comments	
7.2.17	Date		Comments	
7.2.18	Date		Comments	

Fire Chief/Training Officer Signature	Date	Applicant Signature	Date



Confined Space Operations



JOB PERFORMANCE REQUIREMENT

STANDARD: 7.2.1 **TASK:** Initiate a search inside a confined space.

PERFORMANCE OUTCOME: The operations level responder shall initiate a search inside a confined space in those areas immediately visible from the confined space entry portal, so that search parameters are established; the victim profile is established; the people in or around the search area are questioned and the information is updated and relayed to command; the personnel assignments match their expertise; all victims inside the space that are immediately visible from outside the portal are located and identified quickly; applicable technical rescue concerns are managed; risks to searchers are minimized; and all searchers are accounted for.

CONDITIONS: The applicant will complete all elements.

EQUIPMENT REQUIRED: Given hazard-specific PPE, equipment pertinent to search mission, a confined space, and victim investigative information.

Step	Skill	Experience	Training
1	Search parameters are established.	<input type="checkbox"/>	<input type="checkbox"/>
2	Victim profile is established.	<input type="checkbox"/>	<input type="checkbox"/>
3	People in and around the area are questioned.	<input type="checkbox"/>	<input type="checkbox"/>
4	Information is updated and relayed to command.	<input type="checkbox"/>	<input type="checkbox"/>
5	Personnel assignments match their expertise.	<input type="checkbox"/>	<input type="checkbox"/>
6	Victims inside the space that are immediately visible from outside the portal are located and identified.	<input type="checkbox"/>	<input type="checkbox"/>
7	Applicable technical rescue concerns are managed.	<input type="checkbox"/>	<input type="checkbox"/>
8	Risks to searchers are minimized.	<input type="checkbox"/>	<input type="checkbox"/>
9	All searchers are accounted for.	<input type="checkbox"/>	<input type="checkbox"/>
10	The operations level responder demonstrates the ability to work in the immediate area of the confined space entry portal.	<input type="checkbox"/>	<input type="checkbox"/>
11	The operations level responder demonstrates the ability to perform immediate escape from the area if conditions become untenable.	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

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Confined Space Operations



JOB PERFORMANCE REQUIREMENT

STANDARD: 7.2.2 **TASK:** Perform a size-up of a confined space rescue incident.

PERFORMANCE OUTCOME: The operations level responder shall perform a size-up of a confined space rescue incident, so that the type of rescue is determined, the number of victims is identified, the last reported location of all victims is established, witnesses and reporting parties are identified and interviewed, resource needs are assessed, search parameters are identified, and information required to develop an incident action plan is obtained.

CONDITIONS: The applicant will complete all elements.

EQUIPMENT REQUIRED: Given background information and applicable reference materials.

Step	Skill	Experience	Training
1	Type of rescue is determined.	<input type="checkbox"/>	<input type="checkbox"/>
2	The number of victims is identified.	<input type="checkbox"/>	<input type="checkbox"/>
3	The last reported location of all victims is established.	<input type="checkbox"/>	<input type="checkbox"/>
4	Witnesses and reporting parties are identified and interviewed.	<input type="checkbox"/>	<input type="checkbox"/>
5	Resource needs are assessed.	<input type="checkbox"/>	<input type="checkbox"/>
6	Search parameters are identified.	<input type="checkbox"/>	<input type="checkbox"/>
7	Information required to develop an incident action plan is obtained.	<input type="checkbox"/>	<input type="checkbox"/>
8	The operations level responder demonstrates the ability to read technical rescue reference materials.	<input type="checkbox"/>	<input type="checkbox"/>
9	The operations level responder demonstrates the ability to gather information.	<input type="checkbox"/>	<input type="checkbox"/>
10	The operations level responder demonstrates the ability to relay information.	<input type="checkbox"/>	<input type="checkbox"/>
11	The operations level responder demonstrates the ability to use information gathering sources.	<input type="checkbox"/>	<input type="checkbox"/>

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Confined Space Operations



JOB PERFORMANCE REQUIREMENT			
STANDARD: 7.2.3	TASK: Conduct monitoring of the environment.		
PERFORMANCE OUTCOME: The operations level responder shall conduct monitoring of the environment, so that a representative sample of the space is obtained, accurate readings are made, readings are documented, and effects of ventilation in determining atmospheric conditions and the conditions of the space have been determined for exposures to existing or potential environmental hazards.			
CONDITIONS: The applicant will complete all elements.			
EQUIPMENT REQUIRED: Given monitoring equipment reference material, PPE, accurately calibrated detection and monitoring equipment, and size-up information.			
INSTRUCTOR NOTE: This skill can be completed using a clean environment in a simulated confined space. Simulated monitor readings may be provided in critical areas to be monitored. Monitor readings may change as the scenario unfolds.			
Step	Skill	Experience	Training
1	Conduct monitoring of a confined space environment.	<input type="checkbox"/>	<input type="checkbox"/>
2	A representative sample of the space is obtained.	<input type="checkbox"/>	<input type="checkbox"/>
3	Accurate readings are made.	<input type="checkbox"/>	<input type="checkbox"/>
4	Readings are documented.	<input type="checkbox"/>	<input type="checkbox"/>
5	Effects of ventilation have been determined for exposures to existing or potential environmental hazards.	<input type="checkbox"/>	<input type="checkbox"/>
6	The operations level responder demonstrates the ability to use and confirm calibration of detection and monitoring equipment.	<input type="checkbox"/>	<input type="checkbox"/>
7	The operations level responder demonstrates the ability to acquire representative samples of space.	<input type="checkbox"/>	<input type="checkbox"/>
Comments:			

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Confined Space Operations



JOB PERFORMANCE REQUIREMENT

STANDARD: 7.2.4 **TASK:** Assess the incident.

PERFORMANCE OUTCOME: The operations level responder shall assess the incident, so that general area and space-specific hazards are identified, bystanders and victims are interviewed, immediate and ongoing monitoring of the space is performed, the victims' conditions and location are determined, a risk/benefit analysis is performed, methods of ingress and egress for rescuer removal are determined, and an emergency means of retrieval for rescue entrants is established.

CONDITIONS: The applicant will complete all elements.

EQUIPMENT REQUIRED: Given size-up information, information from technical resources, monitoring equipment, and PPE required to perform the assessment.

Step	Skill	Experience	Training
1	General and space-specific hazards are identified.	<input type="checkbox"/>	<input type="checkbox"/>
2	Bystanders and victims are interviewed.	<input type="checkbox"/>	<input type="checkbox"/>
3	Immediate and ongoing monitoring of the space is performed.	<input type="checkbox"/>	<input type="checkbox"/>
4	Victim(s) condition and location(s) are determined.	<input type="checkbox"/>	<input type="checkbox"/>
5	Risk/benefit analysis is performed.	<input type="checkbox"/>	<input type="checkbox"/>
6	Methods of ingress and egress for rescuer removal are determined.	<input type="checkbox"/>	<input type="checkbox"/>
7	An emergency means of retrieval for rescue entrants is established.	<input type="checkbox"/>	<input type="checkbox"/>
8	The operations level responder demonstrates the ability to select and interpret size-up information.	<input type="checkbox"/>	<input type="checkbox"/>
9	The operations level responder demonstrates the ability to conduct interviews.	<input type="checkbox"/>	<input type="checkbox"/>
10	The operations level responder demonstrates the ability to choose and utilize PPE.	<input type="checkbox"/>	<input type="checkbox"/>
11	The operations level responder demonstrates the ability to operate monitoring equipment.	<input type="checkbox"/>	<input type="checkbox"/>
12	The operations level responder demonstrates the ability to identify hazard mitigation options.	<input type="checkbox"/>	<input type="checkbox"/>
13	The operations level responder demonstrates the ability to identify probable victim location.	<input type="checkbox"/>	<input type="checkbox"/>
14	The operations level responder demonstrates the ability to perform risk/benefit analysis.	<input type="checkbox"/>	<input type="checkbox"/>
15	The operations level responder demonstrates the ability to recognize characteristics and hazards of confined spaces.	<input type="checkbox"/>	<input type="checkbox"/>
16	The operations level responder demonstrates the ability to evaluate specific rescue systems for confined space entry and retrieval of rescuers and victims during confined space incidents.	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

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Confined Space Operations



JOB PERFORMANCE REQUIREMENT			
STANDARD: 7.2.5	TASK: Control hazards.		
PERFORMANCE OUTCOME: The operations level responder shall control hazards, so that the rescue area is established; access to the incident scene is controlled; rescuers are protected from exposure to hazardous materials and atmospheres, all forms of harmful energy releases, and physical hazards; and victims are protected from further harm.			
CONDITIONS: The applicant will complete all elements.			
EQUIPMENT REQUIRED: Given PPE and a confined space tool kit.			
Step	Skill	Experience	Training
1	The rescue area is established.	<input type="checkbox"/>	<input type="checkbox"/>
2	Access to the incident scene is controlled.	<input type="checkbox"/>	<input type="checkbox"/>
3	Rescuers are protected from exposures to hazardous materials and atmospheres, all forms of harmful energy releases, and physical hazards.	<input type="checkbox"/>	<input type="checkbox"/>
4	Victims are protected from further harm.	<input type="checkbox"/>	<input type="checkbox"/>
5	The operations level responder demonstrates the ability to utilize PPE.	<input type="checkbox"/>	<input type="checkbox"/>
6	The operations level responder demonstrates the ability to place scene control barriers.	<input type="checkbox"/>	<input type="checkbox"/>
7	The operations level responder demonstrates the ability to operate atmospheric monitoring equipment.	<input type="checkbox"/>	<input type="checkbox"/>
8	The operations level responder demonstrates the ability to ventilate a confined space.	<input type="checkbox"/>	<input type="checkbox"/>
9	The operations level responder demonstrates the ability to identify dangerous forms of energy.	<input type="checkbox"/>	<input type="checkbox"/>
10	The operations level responder demonstrates the ability to mitigate physical and atmospheric hazards.	<input type="checkbox"/>	<input type="checkbox"/>
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Confined Space Operations



JOB PERFORMANCE REQUIREMENT

STANDARD: 7.2.6 **TASK:** Apply and use self-contained breathing apparatus (SCBA) as a rescue entrant.

PERFORMANCE OUTCOME: The operations level responder shall apply and use SCBA as a rescue entrant, so that the rescue entrant passes through the portal without removal of the SCBA, the assigned rescue duty is performed, the rescue entrant frequently assesses the level of air remaining in the cylinder and communicates this level to the rescuers outside of the space, and the rescue entrant exits the space prior to activation of the low-pressure alarm on the SCBA.

CONDITIONS: The applicant will complete all elements.

EQUIPMENT REQUIRED: Given a confined space incident requiring respiratory protection, a rescue assignment, a means of entry into and exit from the space, a rescue attendant outside the space, SCBA, breathing apparatus cylinders, and a confined space with the following characteristics:

- 1) The internal configuration of the space is clear and unobstructed so retrieval systems can be utilized for rescuers without possibility of entanglement.
- 2) The victim can be seen easily from the outside of the space's primary access opening.
- 3) Rescuers can pass easily through the access/egress opening(s) with room to spare when PPE is worn in the manner recommended by the manufacturer.
- 4) The space can accommodate two or more rescuers in addition to the victim.
- 5) All hazards in and around the confined space have been identified and can be mitigated by using respiratory protection.

Step	Skill	Experience	Training
1	Rescue entrant passes through the portal without removal of the SCBA.	<input type="checkbox"/>	<input type="checkbox"/>
2	The assigned rescue duty is performed.	<input type="checkbox"/>	<input type="checkbox"/>
3	The rescue entrant frequently assesses the level of air remaining in the cylinder.	<input type="checkbox"/>	<input type="checkbox"/>
4	Remaining SCBA air level is communicated to rescuers outside the space.	<input type="checkbox"/>	<input type="checkbox"/>
5	Rescue entrant exits the space prior to activation of the SCBA low-pressure alarm.	<input type="checkbox"/>	<input type="checkbox"/>
6	The operations level responder demonstrates the ability to use SCBA in a confined space entry for rescue.	<input type="checkbox"/>	<input type="checkbox"/>
7	The operations level responder demonstrates the ability to use of breathing techniques that will conserve the air supply.	<input type="checkbox"/>	<input type="checkbox"/>
8	The operations level responder demonstrates the ability to use of communication methods that effectively convey information between rescuers inside and outside of the space.	<input type="checkbox"/>	<input type="checkbox"/>

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JOB PERFORMANCE REQUIREMENT			
STANDARD: 7.2.7		TASK: Apply an atmosphere supplying respirator to a victim.	
PERFORMANCE OUTCOME: The operations level responder shall apply an atmosphere supplying respirator to a victim, so that the apparatus face piece is applied rapidly, positioned properly on the face and without air leakage; application of the face piece can be performed simultaneously with spinal precautions; the breathing apparatus unit is securely placed during victim movement, the face piece will not be pulled from the victim's face during movement; the level of air remaining in the victim's breathing apparatus is frequently accessed and communicated, and the victim is removed from the space without interruption of the air supply.			
CONDITIONS: The applicant will complete all elements.			
EQUIPMENT REQUIRED: Given a confined space incident requiring respiratory protection, a live victim, an atmosphere supplying respirator and associated equipment, and a confined space with the following characteristics: <ol style="list-style-type: none"> 1) The internal configuration of the space is clear and unobstructed so retrieval systems can be utilized for rescuers without possibility of entanglement. 2) The victim can be seen easily from the outside of the space's primary access opening. 3) Rescuers can pass easily through the access/egress opening(s) with room to spare when PPE is worn in the manner recommended by the manufacturer. 4) The space can accommodate two or more rescuers in addition to the victim. 5) All hazards in and around the confined space have been identified and can be mitigated by using respiratory protection. 			
Step	Skill	Experience	Training
1	Victim is located.	<input type="checkbox"/>	<input type="checkbox"/>
2	The apparatus face piece is applied rapidly.	<input type="checkbox"/>	<input type="checkbox"/>
3	The face piece is positioned properly on the face without air leakage.	<input type="checkbox"/>	<input type="checkbox"/>
4	Application of the face piece is performed simultaneously with spinal precautions.	<input type="checkbox"/>	<input type="checkbox"/>
5	The breathing apparatus unit is securely placed during victim movement.	<input type="checkbox"/>	<input type="checkbox"/>
6	The face piece is not pulled from the victim's face during movement.	<input type="checkbox"/>	<input type="checkbox"/>
7	The level of air remaining in the victim's breathing apparatus is frequently assessed.	<input type="checkbox"/>	<input type="checkbox"/>
8	Remaining air level is communicated to rescuers outside the space.	<input type="checkbox"/>	<input type="checkbox"/>
9	The victim is removed from the space without interruption of the air supply.	<input type="checkbox"/>	<input type="checkbox"/>
10	The operations level responder demonstrates the ability to apply a patent air supply to a victim in a confined space rescue.	<input type="checkbox"/>	<input type="checkbox"/>
11	The operations level responder demonstrates the ability to move the victim wearing breathing apparatus without interruption or compromise of their air supply or face piece seal.	<input type="checkbox"/>	<input type="checkbox"/>
12	The operations level responder demonstrates continuous monitoring of the victim's air supply during operations.	<input type="checkbox"/>	<input type="checkbox"/>
13	The operations level responder demonstrates the ability to use communication methods that effectively convey information between rescuers inside and outside of the space.	<input type="checkbox"/>	<input type="checkbox"/>



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Confined Space Operations



JOB PERFORMANCE REQUIREMENT

STANDARD: 7.2.8 **TASK:** Perform full spinal immobilization of a victim inside a confined space.

PERFORMANCE OUTCOME: The operations level responder shall perform full spinal immobilization of a victim inside a confined space, so the victim’s cervical spine is manually maintained in a neutral position immediately on contact and maintained until the body and head are completely immobilized and secure, victim movement onto the spinal immobilization device creates minimal manipulation of the spine, void spaces between the victim and immobilization device are padded as appropriate, victim securement to the immobilization device will prevent spinal manipulation during movement, and applicable local treatment protocols are followed.

CONDITIONS: The applicant will complete all elements.

EQUIPMENT REQUIRED: Given a confined space incident requiring respiratory protection, a live victim, an atmosphere supplying respirator and associated equipment, and a confined space with the following characteristics:

- 1) The internal configuration of the space is clear and unobstructed so retrieval systems can be utilized for rescuers without possibility of entanglement.
- 2) The victim can be seen easily from the outside of the space’s primary access opening.
- 3) Rescuers can pass easily through the access/egress opening(s) with room to spare when PPE is worn in the manner recommended by the manufacturer.
- 4) The space can accommodate two or more rescuers in addition to the victim.
- 5) All hazards in and around the confined space have been identified and can be mitigated by using respiratory protection.

Step	Skill	Experience	Training
1	The victim’s cervical spine is manually maintained in a neutral position immediately on contact.	<input type="checkbox"/>	<input type="checkbox"/>
2	The victim’s cervical spine is manually maintained until the body and head are completely immobilized and secure.	<input type="checkbox"/>	<input type="checkbox"/>
3	Victim movement onto the spinal immobilization device creates minimal manipulation of the spine.	<input type="checkbox"/>	<input type="checkbox"/>
4	Void spaces between the victim and immobilization device are padded as appropriate.	<input type="checkbox"/>	<input type="checkbox"/>
5	Victim securement to the immobilization device will prevent spinal manipulation during movement.	<input type="checkbox"/>	<input type="checkbox"/>
6	Applicable local treatment protocols are followed.	<input type="checkbox"/>	<input type="checkbox"/>
7	The operations level responder demonstrates the ability to maintain manual immobilization of a victim’s head during the immobilization process.	<input type="checkbox"/>	<input type="checkbox"/>
8	The operations level responder demonstrates the ability to assist in moving the victim to a long spine immobilizer with only two persons with minimal spinal manipulation.	<input type="checkbox"/>	<input type="checkbox"/>
9	The operations level responder demonstrates the ability to apply void space padding as needed based on the immobilization device.	<input type="checkbox"/>	<input type="checkbox"/>
10	The operations level responder demonstrates the ability to apply and secure the victim’s body and head to a long spinal immobilization device.	<input type="checkbox"/>	<input type="checkbox"/>



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Confined Space Operations



JOB PERFORMANCE REQUIREMENT			
STANDARD: 7.2.9		TASK: Prepare for entry into a horizontally oriented confined space.	
PERFORMANCE OUTCOME: The operations level responder shall prepare for entry into a horizontally oriented confined space, so that victim communication is established when possible, continuous atmospheric monitoring is initiated, rescuer readiness is verified, rescuers' limitations are identified and evaluated, rescuers unsuitable to confined space entry operations are reassigned and replaced, route and methods of entry are determined, and rescuer evacuation is planned.			
CONDITIONS: The applicant will complete all elements.			
EQUIPMENT REQUIRED: Given a confined space incident requiring respiratory protection, a live victim, an atmosphere supplying respirator and associated equipment, and a confined space with the following characteristics:			
<ol style="list-style-type: none"> 1) The internal configuration of the space is clear and unobstructed so retrieval systems can be utilized for rescuers without possibility of entanglement. 2) The victim can be seen easily from the outside of the space's primary access opening. 3) Rescuers can pass easily through the access/egress opening(s) with room to spare when PPE is worn in the manner recommended by the manufacturer. 4) The space can accommodate two or more rescuers in addition to the victim. 5) All hazards in and around the confined space have been identified and can be mitigated by using respiratory protection. 			
Step	Skill	Experience	Training
1	Victim communication is established when possible.	<input type="checkbox"/>	<input type="checkbox"/>
2	Continuous atmospheric monitoring is initiated.	<input type="checkbox"/>	<input type="checkbox"/>
3	Rescuer readiness is verified.	<input type="checkbox"/>	<input type="checkbox"/>
4	Rescuers' limitations are identified and evaluated.	<input type="checkbox"/>	<input type="checkbox"/>
5	Rescuers unsuitable to confined space entry operations are reassigned and replaced.	<input type="checkbox"/>	<input type="checkbox"/>
6	Route and methods of entry are determined.	<input type="checkbox"/>	<input type="checkbox"/>
7	Rescuer evacuation is planned.	<input type="checkbox"/>	<input type="checkbox"/>
8	The operations level responder demonstrates the ability to operate monitoring equipment.	<input type="checkbox"/>	<input type="checkbox"/>
9	The operations level responder demonstrates the ability to perform a rescuer pre-entry medical exam.	<input type="checkbox"/>	<input type="checkbox"/>
10	The operations level responder demonstrates the ability to evaluate rescuer capabilities and limitations.	<input type="checkbox"/>	<input type="checkbox"/>
11	The operations level responder demonstrates the ability to identify victim communication needs.	<input type="checkbox"/>	<input type="checkbox"/>
12	The operations level responder demonstrates the ability to evaluate for point and route of confined space entry.	<input type="checkbox"/>	<input type="checkbox"/>
13	The operations level responder demonstrates the ability to select evacuation methods.	<input type="checkbox"/>	<input type="checkbox"/>



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Confined Space Operations



JOB PERFORMANCE REQUIREMENT			
STANDARD: 7.2.10		TASK: Enter a horizontally oriented confined space for rescue.	
PERFORMANCE OUTCOME: The operations level responder shall enter a horizontally oriented confined space for rescue, so that the victim is contacted, controlled confined space entry is established and maintained, atmosphere is monitored continuously, the victim’s mental and physical conditions are assessed further, the rescue entrant is aided by portable lighting, rescue entrants are attached to retrieval lines at all times, patient care is initiated, the patient is packaged to restrictions of the space, and patient removal can be initiated.			
CONDITIONS: The applicant will complete all elements.			
EQUIPMENT REQUIRED: Given a confined space incident requiring respiratory protection, a live victim, an atmosphere supplying respirator and associated equipment, and a confined space with the following characteristics:			
<ol style="list-style-type: none"> 1) The internal configuration of the space is clear and unobstructed so retrieval systems can be utilized for rescuers without possibility of entanglement. 2) The victim can be seen easily from the outside of the space’s primary access opening. 3) Rescuers can pass easily through the access/egress opening(s) with room to spare when PPE is worn in the manner recommended by the manufacturer. 4) The space can accommodate two or more rescuers in addition to the victim. 5) All hazards in and around the confined space have been identified and can be mitigated by using respiratory protection. 			
Step	Skill	Experience	Training
1	The victim is contacted.	<input type="checkbox"/>	<input type="checkbox"/>
2	Controlled confined space entry is established and maintained.	<input type="checkbox"/>	<input type="checkbox"/>
3	The atmosphere is monitored continuously.	<input type="checkbox"/>	<input type="checkbox"/>
4	The victim’s mental and physical conditions are assessed.	<input type="checkbox"/>	<input type="checkbox"/>
5	The rescue entrant is aided by portable lighting.	<input type="checkbox"/>	<input type="checkbox"/>
6	Rescue entrants are attached to retrieval lines at all times.	<input type="checkbox"/>	<input type="checkbox"/>
7	Patient care is initiated.	<input type="checkbox"/>	<input type="checkbox"/>
8	The patient is packaged to restrictions of the space.	<input type="checkbox"/>	<input type="checkbox"/>
9	Patient removal can be initiated.	<input type="checkbox"/>	<input type="checkbox"/>
10	The operations level responder demonstrates the ability to use and apply PPE and rescue-related systems and equipment.	<input type="checkbox"/>	<input type="checkbox"/>
11	The operations level responder demonstrates the ability to use portable lighting in a darkened environment.	<input type="checkbox"/>	<input type="checkbox"/>
12	The operations level responder demonstrates the ability to implement safety, communication, and operational protocols.	<input type="checkbox"/>	<input type="checkbox"/>
13	The operations level responder demonstrates the ability to use medical protocols to determine treatment priorities.	<input type="checkbox"/>	<input type="checkbox"/>
14	The operations level responder demonstrates the ability to use medical equipment specific to confined space victim needs.	<input type="checkbox"/>	<input type="checkbox"/>
15	The operations level responder demonstrates the ability to reassess and confirm mode of operation.	<input type="checkbox"/>	<input type="checkbox"/>



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Confined Space Operations



JOB PERFORMANCE REQUIREMENT			
STANDARD: 7.2.11	TASK: Package the victim in a litter for removal from a horizontally oriented confined space.		
PERFORMANCE OUTCOME: The operations level responder shall package the victim in a litter for removal from a horizontally oriented confined space, so that the victim is secured to the litter, the litter is secured to the rescue system if needed, the litter will pass through the portal, the victim is protected during the extraction, and further harm to the victim is minimized.			
CONDITIONS: The applicant will complete all elements.			
EQUIPMENT REQUIRED: Given a confined space rescue tool kit, a litter and associated rigging equipment, a space that provides enough internal and external clearance to maneuver a litter in and around the space.			
Step	Skill	Experience	Training
1	The victim is secured to the litter.	<input type="checkbox"/>	<input type="checkbox"/>
2	The litter is secured to the rescue system if needed.	<input type="checkbox"/>	<input type="checkbox"/>
3	The litter will pass through the portal.	<input type="checkbox"/>	<input type="checkbox"/>
4	The victim is protected during the extraction.	<input type="checkbox"/>	<input type="checkbox"/>
5	Further harm to the victim is minimized.	<input type="checkbox"/>	<input type="checkbox"/>
6	The operations level responder demonstrates the ability to immobilize a victim's spine.	<input type="checkbox"/>	<input type="checkbox"/>
7	The operations level responder demonstrates the ability to package victims in litters, low-profile devices, and litters.	<input type="checkbox"/>	<input type="checkbox"/>
8	The operations level responder demonstrates the ability to recognize and perform basic management of various traumatic injuries and medical conditions.	<input type="checkbox"/>	<input type="checkbox"/>
9	The operations level responder demonstrates the ability to support respiratory efforts.	<input type="checkbox"/>	<input type="checkbox"/>
10	The operations level responder demonstrates the ability to perform local treatment modalities as required based on the environment.	<input type="checkbox"/>	<input type="checkbox"/>
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Confined Space Operations



JOB PERFORMANCE REQUIREMENT			
STANDARD: 7.2.12	TASK: Assemble a portable anchor system for application of a high point of attachment to a confined space rescue system.		
PERFORMANCE OUTCOME: The operations level responder shall assemble a portable anchor system for application of a high point of attachment to a confined space rescue system, so that the portable anchor is assembled in accordance with the manufacturer’s recommendations, rescue systems are attached and secured to the anchor device, and the portable anchor provides enough clearance above the portal to fully extract a victim packaged in a vertically oriented litter.			
CONDITIONS: The applicant will complete all elements.			
EQUIPMENT REQUIRED: Given a portable anchor device, additional rescuers to assist in the assembly, and a vertically oriented space with a portal above which to set the portable anchor.			
Step	Skill	Experience	Training
1	The portable anchor is assembled in accordance with the manufacturer’s recommendations.	<input type="checkbox"/>	<input type="checkbox"/>
2	Rescue systems are attached and secured to the anchor device.	<input type="checkbox"/>	<input type="checkbox"/>
3	The portable anchor provides enough clearance above the portal to fully extract a victim packaged in a vertically oriented litter.	<input type="checkbox"/>	<input type="checkbox"/>
4	The operations level responder demonstrates the ability to assemble the portable anchor device with assistance of other rescuers.	<input type="checkbox"/>	<input type="checkbox"/>
5	The operations level responder demonstrates the ability to attach the rescue system to the portable anchor.	<input type="checkbox"/>	<input type="checkbox"/>
6	The operations level responder demonstrates the ability to position the device high enough to provide adequate clearance area above the portal to allow removal of a vertically oriented litter.	<input type="checkbox"/>	<input type="checkbox"/>
7	The operations level responder demonstrates the ability to operate the system in a way that will keep the portable anchor stable while lifting a load.	<input type="checkbox"/>	<input type="checkbox"/>
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Confined Space Operations



JOB PERFORMANCE REQUIREMENT			
STANDARD: 7.2.13		TASK: Prepare for entry into a vertically oriented confined space.	
PERFORMANCE OUTCOME: The operations level responder shall prepare for entry into a vertically oriented confined space, so that victim communication is established when possible, continuous atmospheric monitoring is initiated, rescuer readiness is verified, rescuers' limitations are identified and evaluated, rescuers unsuitable to confined space entry operations are reassigned and replaced, route and methods of entry are determined, and rescuer evacuation is planned.			
CONDITIONS: The applicant will complete all elements.			
EQUIPMENT REQUIRED: Given a confined space rescue tool kit and a confined space with the following characteristics:			
<ol style="list-style-type: none"> 1) The internal configuration of the space is clear and unobstructed so retrieval systems can be utilized for rescuers without possibility of entanglement. 2) The victim can be seen easily from the outside of the space's primary access opening. 3) Rescuers can pass easily through the access/egress opening(s) with room to spare when PPE is worn in the manner recommended by the manufacturer. 4) The space can accommodate two or more rescuers in addition to the victim. 5) All hazards in and around the confined space have been identified and can be mitigated by using respiratory protection. 			
Step	Skill	Experience	Training
1	Victim communication is established when possible.	<input type="checkbox"/>	<input type="checkbox"/>
2	Continuous atmospheric monitoring is initiated.	<input type="checkbox"/>	<input type="checkbox"/>
3	Rescuer readiness is verified.	<input type="checkbox"/>	<input type="checkbox"/>
4	Rescuers' limitations are identified and evaluated.	<input type="checkbox"/>	<input type="checkbox"/>
5	Rescuers unsuitable to confined space entry operations are reassigned and replaced.	<input type="checkbox"/>	<input type="checkbox"/>
6	Route and methods of entry are determined.	<input type="checkbox"/>	<input type="checkbox"/>
7	Rescuer evacuation is planned.	<input type="checkbox"/>	<input type="checkbox"/>
8	The operations level responder demonstrates the ability to operate monitoring equipment.	<input type="checkbox"/>	<input type="checkbox"/>
9	The operations level responder demonstrates the ability to perform a rescuer pre-entry medical exam.	<input type="checkbox"/>	<input type="checkbox"/>
10	The operations level responder demonstrates the ability to evaluate rescuer capabilities and limitations.	<input type="checkbox"/>	<input type="checkbox"/>
11	The operations level responder demonstrates the ability to identify victim communication needs.	<input type="checkbox"/>	<input type="checkbox"/>
12	The operations level responder demonstrates the ability to evaluate for point and route of confined space entry.	<input type="checkbox"/>	<input type="checkbox"/>
13	The operations level responder demonstrates the ability to select evacuation methods.	<input type="checkbox"/>	<input type="checkbox"/>



Confined Space Operations



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Confined Space Operations



JOB PERFORMANCE REQUIREMENT

STANDARD: 7.2.14

TASK: Enter a vertically oriented confined space for rescue.

PERFORMANCE OUTCOME: The operations level responder shall enter a vertically oriented confined space for rescue, so that the victim is contacted, controlled confined space entry is established and maintained, atmosphere is continuously monitored, the victim's mental and physical conditions are assessed further, patient care is initiated, the patient is packaged to restrictions of the space, and patient removal can be initiated.

CONDITIONS: The applicant will complete all elements.

EQUIPMENT REQUIRED: Given PPE; safety, communication, operational protocols; a confined space rescue tool kit and a confined space with the following characteristics:

- 1) The internal configuration of the space is clear and unobstructed so retrieval systems can be utilized for rescuers without possibility of entanglement.
- 2) The victim can be seen easily from the outside of the space's primary access opening.
- 3) Rescuers can pass easily through the access/egress opening(s) with room to spare when PPE is worn in the manner recommended by the manufacturer.
- 4) The space can accommodate two or more rescuers in addition to the victim.
- 5) All hazards in and around the confined space have been identified and can be mitigated by using respiratory protection.

Step	Skill	Experience	Training
1	The victim is contacted.	<input type="checkbox"/>	<input type="checkbox"/>
2	Controlled confined space entry is established and maintained.	<input type="checkbox"/>	<input type="checkbox"/>
3	The atmosphere is continuously monitored.	<input type="checkbox"/>	<input type="checkbox"/>
4	The victim's mental and physical conditions are assessed.	<input type="checkbox"/>	<input type="checkbox"/>
5	Patient care is initiated.	<input type="checkbox"/>	<input type="checkbox"/>
6	The patient is packaged to restrictions of the space.	<input type="checkbox"/>	<input type="checkbox"/>
7	Patient removal can be initiated.	<input type="checkbox"/>	<input type="checkbox"/>
8	The operations level responder demonstrates the ability to use and apply PPE and rescue-related systems and equipment.	<input type="checkbox"/>	<input type="checkbox"/>
9	The operations level responder demonstrates the ability to implement safety, communication, and operational protocols.	<input type="checkbox"/>	<input type="checkbox"/>
10	The operations level responder demonstrates the ability to use medical protocols to determine treatment priorities.	<input type="checkbox"/>	<input type="checkbox"/>
11	The operations level responder demonstrates the ability to use medical equipment specific to confined space victim needs.	<input type="checkbox"/>	<input type="checkbox"/>
12	The operations level responder demonstrates the ability to reassess and confirm mode of operation.	<input type="checkbox"/>	<input type="checkbox"/>

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Confined Space Operations



JOB PERFORMANCE REQUIREMENT			
STANDARD: 7.2.15		TASK: Package the victim in a litter for removal from a vertically oriented confined space.	
PERFORMANCE OUTCOME: The operations level responder shall package the victim in a litter for removal from a vertically oriented confined space, so that the victim is secured to the litter, the litter is secured to the rescue system in a vertical configuration, the litter will pass through the portal, the litter can be raised high enough to clear the portal, the victim is protected during the extraction, and further harm to the victim is minimized.			
CONDITIONS: The applicant will complete all elements.			
EQUIPMENT REQUIRED: Given a confined space rescue tool kit, a vertically oriented litter and associated rigging equipment, a work area that provides enough vertical clearance to extract a vertically oriented litter, and a victim.			
Step	Skill	Experience	Training
1	The victim is secured to the litter.	<input type="checkbox"/>	<input type="checkbox"/>
2	The litter is secured to the rescue system in a vertical configuration.	<input type="checkbox"/>	<input type="checkbox"/>
3	The litter will pass through the portal.	<input type="checkbox"/>	<input type="checkbox"/>
4	The litter can be raised high enough to clear the portal.	<input type="checkbox"/>	<input type="checkbox"/>
5	The victim is protected during the extraction.	<input type="checkbox"/>	<input type="checkbox"/>
6	Further harm to the victim is minimized.	<input type="checkbox"/>	<input type="checkbox"/>
7	The operations level responder demonstrates the ability to immobilize a victim's spine.	<input type="checkbox"/>	<input type="checkbox"/>
8	The operations level responder demonstrates the ability to package victims in litters, low-profile devices, and litters.	<input type="checkbox"/>	<input type="checkbox"/>
9	The operations level responder demonstrates the ability to recognize and perform basic management of various traumatic injuries and medical conditions.	<input type="checkbox"/>	<input type="checkbox"/>
10	The operations level responder demonstrates the ability to support respiratory efforts.	<input type="checkbox"/>	<input type="checkbox"/>
11	The operations level responder demonstrates the ability to perform local treatment modalities as required based on the environment.	<input type="checkbox"/>	<input type="checkbox"/>
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Confined Space Operations



JOB PERFORMANCE REQUIREMENT			
STANDARD: 7.2.16		TASK: Access and rapidly remove a victim from a vertically oriented confined space.	
PERFORMANCE OUTCOME: The operations level responder shall access and rapidly remove a victim from a vertically oriented confined space, so that the victim is rapidly secured in an extraction harness, the harness is secured to the rescue system, and the victim is removed from the space.			
CONDITIONS: The applicant will complete all elements.			
EQUIPMENT REQUIRED: Given a confined space rescue tool kit, victim harnesses and rigging, a victim who has been discovered to be in respiratory arrest, and conditions inside the space requiring immediate extraction to prevent imminent death of the victim.			
Step	Skill	Experience	Training
1	The victim is rapidly secured in an extraction harness.	<input type="checkbox"/>	<input type="checkbox"/>
2	The harness is secured to the rescue system.	<input type="checkbox"/>	<input type="checkbox"/>
3	The victim is removed from the space.	<input type="checkbox"/>	<input type="checkbox"/>
4	The operations level responder demonstrates the ability to recognize the immediate threat and need for rapid extraction.	<input type="checkbox"/>	<input type="checkbox"/>
5	The operations level responder demonstrates the rapid application of victim harnesses and rigging to rescue systems.	<input type="checkbox"/>	<input type="checkbox"/>
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Confined Space Operations



JOB PERFORMANCE REQUIREMENT

STANDARD: 7.2.18 **TASK:** Terminate a technical rescue operation.

PERFORMANCE OUTCOME: The operations level responder shall terminate a technical rescue operation, so that rescuer risk and site safety are managed, scene security is maintained, and custody transferred to a responsible party, personnel and resources are returned to a state of readiness, recordkeeping and documentation occur, and post-event analysis is conducted.

CONDITIONS: The applicant will complete all elements.

EQUIPMENT REQUIRED: Given an incident scenario, assigned resources, and site safety data.

Step	Skill	Experience	Training
1	Rescuer risk and site safety are managed.	<input type="checkbox"/>	<input type="checkbox"/>
2	Scene security is maintained.	<input type="checkbox"/>	<input type="checkbox"/>
3	Scene custody transferred to a responsible party.	<input type="checkbox"/>	<input type="checkbox"/>
4	Personnel and resources are returned to a state of readiness.	<input type="checkbox"/>	<input type="checkbox"/>
5	Recordkeeping and documentation occur.	<input type="checkbox"/>	<input type="checkbox"/>
6	Post-event analysis is conducted.	<input type="checkbox"/>	<input type="checkbox"/>
7	The operations level responder demonstrates the ability to recognize hazards.	<input type="checkbox"/>	<input type="checkbox"/>
8	The operations level responder demonstrates the ability to perform a risk analysis.	<input type="checkbox"/>	<input type="checkbox"/>
9	The operations level responder demonstrates the ability to use site control equipment and methods.	<input type="checkbox"/>	<input type="checkbox"/>
10	The operations level responder demonstrates the ability to use data collection and management systems.	<input type="checkbox"/>	<input type="checkbox"/>
11	The operations level responder demonstrates the ability to use asset and personnel tracking systems.	<input type="checkbox"/>	<input type="checkbox"/>

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