

**Rescue Technician Professional Qualifications
Chapter 9 Structural Collapse – NFPA 1006 2013 Edition**



Level I Skills Menu

Skill	Testing Requirement
Station A – Scene Size Up and Initial Actions	Mandatory
Station B – Search Techniques and Marking	Mandatory
Station D – T/Spot Shore	Random
Station E – Raker Shore	Random
Station F – Vertical/Dead Shore	Random
Station H – Door/Window Shore	Random
Station K – Support Operations	Random
Station L – Victim Evaluation, Release from entrapment and packaging/movement	Mandatory
Station M – Heavy Lift and Move	Random
Station R – Breaching Light Frame Structural Components	Mandatory

Testing Requirements: 7 Skill Stations

Mandatory: 4 Skills – (A, B, L, R)

Random: 3 Skills – (D or F; E or H; K or M)

Level II Skills Menu

Skill	Testing Requirement
Station A – Scene Size Up and Initial Actions	Mandatory
Station B – Search Techniques and Marking	Mandatory
Station C – Expedient and Pneumatic/Mechanical Shores	Random
Station E – Raker Shore	Mandatory
Station F – Vertical/Dead Shore	Random
Station G – Horizontal Shore	Random
Station H – Door/Window Shore	Random
Station I – Laced Post Shore	Random
Station J – Sloped Floor Shore	Random
Station K – Support Operations	Random
Station L – Victim Evaluation, Release from Entrapment and Packaging & movement	Mandatory
Station M – Heavy Lift and Move	Mandatory
Station N – Vertical Concrete Breaching	Random
Station O – Horizontal Concrete Breaching	Random
Station P – Steel Cutting/Burning	Mandatory
Station Q – Heavy Equipment Coordination	Mandatory

Testing Requirement: 11 Skill Stations

Mandatory: 7 Skills (A, B, E, L, M, P, Q)

Random: 4 Skills (C, F or G, H, I or J; K or M; N or O)

If combination testing Level I and II, 11 skills must be tested based on the below menu

Mandatory: A, B, E, L, P, Q

Random: 3 random shoring skills (D, F, G, H, I, J) **AND** 1 breaching skill (N, O or R) **AND** 1 addition random skill K or M

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STATION A – Scene Size-Up and Initial Actions	Test Date	Candidate #
Reference NFPA 1006 (2013 Edition) Chapter 9 Mandatory Station JPR 9.1.1, 9.1.2, 9.1.3, 9.1.4, 9.2.1, 9.2.2, 9.2.3, 9.2.4	Test Site	

Directions: You have been dispatched to the scene of a building collapse. For this exercise you are to conduct a size-up, determine potential victim locations, and develop and implement a collapse rescue Incident Action Plan (IAP) using an ICS Form 201. Your size-up and IAP should address the following areas: Existing and potential conditions, hazards, construction and occupancy type, type of collapse, need for rescue, scene security, potential victim locations, needed resources, hazard mitigation objectives, and rescue objectives.

Performance Outcome: Pass/ Fail will be determined by 20 of the 20 items being performed correctly.

Evaluator Note: Please check level being tested: ____ Tech I ____ Tech II ____ Tech I/II

No.	Task Steps	Initial Test		Retest	
		Yes	No	Yes	No
1.	Establishes and utilizes an Incident Management System				
2.	Ensures proper use of Personal Protective Equipment (PPE)				
3.	Utilizes a personnel accountability system				
4.	Performs size-up (6 sided) using observations, victims, bystanders, witnesses and any other available site information				
5.	Establishes safe operating zones and identifies a security perimeter				
6.	Appropriately places barricades or scene control tape to limit access to site				
7.	Determines construction type				
8.	Determines building occupancy type				
9.	Determines collapse type/pattern				
10.	Identifies potential hazards				
11.	Prioritizes hazard control objectives				
12.	Determines potential victim locations				
13.	Performs a risk/benefit analysis and evaluates rescue vs. recovery considerations				
14.	Determines rescue objectives and options				
15.	Prioritizes rescue options based on size-up information				
16.	Identifies and requests needed resources.				
17.	Establishes a building evacuation signal/plan				
18.	Identifies need for Rapid Intervention Crew/Team				
19.	Completes initial incident action plan utilizing ICS Form 201, tactical worksheet or similar agency specific form.				
20.	Were all tasks completed in a SAFE manner? (“NO” indicates automatic failure				

Pass _____	Pass _____
Fail _____	Fail _____

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Evaluator Comments: _____

Evaluator Signature: _____ Evaluator # _____

Re-Test Evaluator Signature: _____ Evaluator # _____

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STATION B – Search Techniques & Marking	Test Date	Candidate #
Reference NFPA 1006 (2013 Edition) Chapter 9 Mandatory Station JPR 9.1.5, 9.2.5	Test Site	

Directions: You have been dispatched to the scene of a building collapse. For this exercise you can assume that a size-up has already been performed and you have been assigned the responsibility to search the building/area utilizing the tools/equipment provided (visual, physical, audible and seismic/acoustic), determine all potential victim locations, mark those locations on the search grid form provided and mark the building utilizing FEMA standard search marking techniques

Performance Outcome: Pass/ Fail will be determined by 11 of the 11 items being performed correctly

Evaluator Note: Please check level being tested: ___ Tech I ___ Tech II ___ Tech I/II

No.	Task Steps	Initial Test		Retest	
		Yes	No	Yes	No
1.	Ensures proper/continued use of Personal Protective Equipment (PPE).				
2.	Confirms size-up information				
3.	Identifies potential hazards				
4.	Selects appropriate search equipment and methods given situation and size-up information. Check equipment/methods selected: ___ Hailing/audible ___ Physical void search ___ Fiber optic (Search Cam, Mongoose, Snake Eye, etc.) ___ Acoustic/seismic (Delsar or equivalent) ___ Thermal imaging/FLIR ___ Other (list): _____				
5.	Checks and assures proper operation of selected equipment prior to beginning search				
6.	Utilizes appropriate search techniques for equipment/methods selected.				
7.	Search is systematic and thorough				
8.	Determines and marks all potential victim locations				
9.					
10.	Properly marks building using standard FEMA building search marking system.				
11.	Were all tasks completed in a SAFE manner? (“NO” indicates automatic failure				

Pass _____	Pass _____
Fail _____	Fail _____

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STATION C – Expedient and Pneumatic/Mechanical Shores	Test Date	Candidate #
Reference NFPA 1006 (2013 Edition) Chapter9 Mandatory Station JPR 9.2.6, 9.1.7	Test Site	

Directions: You are operating on the scene of a building collapse involving a heavy construction type structure (masonry, steel, concrete) and have been ordered to shore/stabilize a section of the building (wall or floor) using appropriate equipment including adequate scene lighting.

Performance Outcome: Pass/ Fail will be determined by 9 of the 9 items being performed correctly

No.	Task Steps	Initial Test		Retest	
		Yes	No	Yes	No
1.	Ensures proper/continued use of Personal Protective Equipment (PPE).				
2.	Performs a size-up of the collapsed area.				
3.	Identifies any potential hazards				
4.	Performs a structural load calculation				
5.	Identifies needed resources				
6.	Selects appropriate equipment, including lighting, for situation presented				
7.	Applies selected equipment efficiently and effectively per manufacturers' recommendations				
8.	Load effectively transferred and objective adequately stabilized				
9.	Were all tasks completed in a SAFE manner? ("NO" indicates automatic failure				

Pass _____	Pass _____
Fail _____	Fail _____

Evaluator Comments: _____

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STATION D – T Spot Shore	Test Date	Candidate #
Reference NFPA 1006 (2013 Edition) Chapter 9 Mandatory Station JPR 9.1.6	Test Site	

Directions: You are operating on the scene of a building collapse involving a light frame structure (wood frame) and have been ordered to shore/stabilize a section of the building (floor/ceiling assembly) using a T or spot shore.

Performance Outcome: Pass/ Fail will be determined by 12 of the 12 items being performed correctly

No.	Task Steps	Initial Test		Retest	
		Yes	No	Yes	No
1.	Ensures proper/continued use of Personal Protective Equipment (PPE).				
2.	Performs a size-up of the collapsed area				
3.	Identifies any potential hazards				
4.	Performs a structural load calculation				
5.	Selects appropriate equipment and supplies				
6.	Obtains measurements in area that shore is to be installed				
7.	Properly constructs T/spot shore				
8.	Properly places T/spot shore under objective to be stabilized				
9.	Shore secured in place.				
10.	Shore provides for adjustability and positive end connections				
11.	Load effectively transferred and objective adequately stabilized				
12.	Were all tasks completed in a SAFE manner? (“NO” indicates automatic failure				

Pass _____	Pass _____
Fail _____	Fail _____

Evaluator Comments: _____

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STATION E – Raker Shore	Test Date	Candidate #
Reference NFPA 1006 (2013 Edition) Chapter 9 Mandatory Station JPR 9.1.6, 9.2.6, , 9.2.14	Test Site	

Directions: You are operating on the scene of a building collapse involving an unreinforced masonry structure and have been ordered to shore/stabilize a section of the building’s wall utilizing a raker shore

Performance Outcome: Pass/ Fail will be determined by 18 of the 18 items being performed correctly

Evaluator Note: You may have the candidate utilize a solid sole, split sole or flying raker shore at either a 45 or 60 degree angle depending on the objective or material/supplies available).

No.	Task Steps	Initial Test		Retest	
		Yes	No	Yes	No
1.	Ensures proper/continued use of Personal Protective Equipment (PPE).				
2.	Performs a size-up of the collapsed area				
3.	Identifies any potential hazards				
4.	Performs a structural load calculation				
5.	Selects appropriate equipment and supplies				
6.	Obtains measurements in area that shore is to be installed				
7.	Determines insertion point of shore				
8.	Calculates rake length based on insertion point and rake angle				
9.	Properly cuts rake to length with appropriate return cuts.				
10.	Properly assembles shore utilizing wall plate, sole plate, cleats or thrust blocks, wedges and gusset plates.				
11.	Cleats of adequate length/size given type of shore				
12.	Adequate type, number and size of nails in cleats and gusset plates				
13.	Shore placed against wall and secured in place				
14.	Shore adequately anchored				
15.	Shore provides for adjustability and has positive end connections				
16.	Adequate horizontal or mid-point bracing provided				
17.	Load effectively transferred and objective adequately stabilized				
18.	Were all tasks completed in a SAFE manner? (“NO” indicates automatic failure				

Pass _____	Pass _____
Fail _____	Fail _____

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Evaluator Comments: _____

Evaluator Signature: _____ Evaluator # _____

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STATION F – Vertical/Dead Shore	Test Date	Candidate #
Reference NFPA 1006 (2013 Edition) Chapter 9 Mandatory Station JPR 9.1.6, 9.2.6, 9.2.14	Test Site	

Directions: You are operating on the scene of a building collapse involving an unreinforced masonry structure and have been ordered to shore/stabilize a section of the building’s floor utilizing a vertical dead shore.

Performance Outcome: Pass/ Fail will be determined by 15 of the 15 items being performed correctly

No.	Task Steps	Initial Test		Retest	
		Yes	No	Yes	No
1.	Ensures proper/continued use of Personal Protective Equipment (PPE).				
2.	Performs a size-up of the collapsed area				
3.	Identifies any potential hazards				
4.	Performs a structural load calculation				
5.	Obtains measurements in area that shore is to be installed				
6.	Selects appropriate equipment and supplies				
7.	Assures lumber is cut to length				
8.	Properly assembles shore utilizing wall plate, sole plate, cleats or thrust blocks, wedges and gusset plates.				
9.	Posts spaced adequately to support calculated load				
10.	Shore placed under load and secured in place				
11.	Backfill provided as necessary				
12.	Shore provides for adjustability and has positive end connections				
13.	Shore diagonally braced and mid-point brace provided, if needed				
14.	Load effectively transferred and objective adequately stabilized				
15.	Were all tasks completed in a SAFE manner? (“NO” indicates automatic failure				

Pass _____	Pass _____
Fail _____	Fail _____

Evaluator Comments: _____

Evaluator Signature: _____ Evaluator # _____

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STATION – G Horizontal Shore	Test Date	Candidate #
Reference NFPA 1006 (2013 Edition) Chapter 9 Mandatory Station JPR 9.2.6, 9.2.14	Test Site	

Directions: You are operating on the scene of a building collapse involving an unreinforced masonry structure and have been ordered to shore/stabilize a section of the building’s hallway utilizing a horizontal shore.

Performance Outcome: Pass/ Fail will be determined by 15 of the 15 items being performed correctly

No.	Task Steps	Initial Test		Retest	
		Yes	No	Yes	No
1.	Ensures proper/continued use of Personal Protective Equipment (PPE).				
2.	Performs a size-up of the collapsed area				
3.	Identifies any potential hazards				
4.	Performs a structural load calculation				
5.	Obtains measurements in area that shore is to be installed				
6.	Selects appropriate equipment and supplies				
7.	Assures lumber is cut to length				
8.	Properly assembles shore utilizing wall plate, sole plate, cleats or thrust blocks, wedges and gusset plates.				
9.	Struts spaced adequately to support calculated load				
10.	Shore placed in hallway and secured in place				
11.	Shore placed in hallway and secured in place				
12.	Shore provides for adjustability and has positive end connections				
13.	Shore provides for adjustability and has positive end connections				
14.	Load effectively transferred and objective adequately stabilized				
15.	Were all tasks completed in a SAFE manner? (“NO” indicates automatic failure				

Pass _____	Pass _____
Fail _____	Fail _____

Evaluator Comments: _____

Evaluator Signature: _____ Evaluator # _____

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STATION – H Door/Window Shore	Test Date	Candidate #
Reference NFPA 1006 (2013 Edition) Chapter 9 Mandatory Station JPR 9.1.6, , 9.2.6, , 9.2.14	Test Site	

Directions: You are operating on the scene of a building collapse involving an unreinforced masonry structure and have been ordered to shore/stabilize a door/window opening utilizing the appropriate shoring method/devices.

Performance Outcome: Pass/ Fail will be determined by 14 of the 14 items being performed correctly

No.	Task Steps	Initial Test		Retest	
		Yes	No	Yes	No
1.	Ensures proper/continued use of Personal Protective Equipment (PPE).				
2.	Performs a size-up of the collapsed area				
3.	Identifies any potential hazards				
4.	Performs a structural load calculation				
5.	Obtains measurements in area that shore is to be installed				
6.	Selects appropriate equipment and supplies				
7.	Assures lumber is cut to length				
8.	Properly assembles shore utilizing wall plate, sole plate, cleats or thrust blocks, wedges and gusset plates.				
9.	Header thickness adequate for opening being spanned (1” of thickness per foot of opening).				
10.	Shore placed in opening and secured in place				
11.	Backfill provided as necessary				
12.	Shore provides for adjustability and has positive end connections				
13.	Load effectively transferred and opening adequately stabilized				
14.	Were all tasks completed in a SAFE manner? (“NO” indicates automatic failure				

Pass _____	Pass _____
Fail _____	Fail _____

Evaluator Comments: _____

Evaluator Signature: _____ Evaluator # _____

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STATION – I Laced Post Shore	Test Date	Candidate #
Reference NFPA 1006 (2013 Edition) Chapter9 Mandatory Station JPR , 9.2.6, , 9.2.14	Test Site	

Directions: You are operating on the scene of a building collapse involving a heavy construction-type concrete reinforced structure and have been ordered to shore/stabilize a section of the building’s floor utilizing a laced post shore

Performance Outcome: Pass/ Fail will be determined by 15 of the 15 items being performed correctly

No.	Task Steps	Initial Test		Retest	
		Yes	No	Yes	No
1.	Ensures proper/continued use of Personal Protective Equipment (PPE).				
2.	Performs a size-up of the collapsed area				
3.	Identifies any potential hazards				
4.	Performs a structural load calculation				
5.	Obtains measurements in area that shore is to be installed				
6.	Selects appropriate equipment and supplies				
7.	Assures lumber is cut to length				
8.	Properly assembles shore utilizing wall plate, sole plate, cleats or thrust blocks, wedges and gusset plates.				
9.	Posts spaced adequately to support calculated load				
10.	Shore placed under load and secured in place				
11.	Backfill provided as necessary				
12.	Shore provides for adjustability and has positive end connections				
13.	Mid-point bracing appropriate for height of shore				
14.	Load effectively transferred and objective adequately stabilized				
15.	Were all tasks completed in a SAFE manner? (“NO” indicates automatic failure				

Pass _____	Pass _____
Fail _____	Fail _____

Evaluator Comments: _____

Evaluator Signature: _____ Evaluator # _____

Re-Test Evaluator Signature: _____ Evaluator # _____

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STATION – J Sloped Floor Shore	Test Date	Candidate #
Reference NFPA 1006 (2013 Edition) Chapter 9 Mandatory Station JPR 9.2.6, 9, 9.2.14	Test Site	

Directions: You are operating on the scene of a building collapse involving a heavy construction-type reinforced concrete structure and have been ordered to shore/stabilize a section of the building’s floor utilizing a sloped floor shore

Performance Outcome: Pass/ Fail will be determined by 16 of the 16 items being performed correctly

No.	Task Steps	Initial Test		Retest	
		Yes	No	Yes	No
1.	Ensures proper/continued use of Personal Protective Equipment (PPE).				
2.	Performs a size-up of the collapsed area				
3.	Identifies any potential hazards				
4.	Performs a structural load calculation				
5.	Obtains measurements in area that shore is to be installed				
6.	Determines appropriate angles for sloped floor shore				
7.	Selects appropriate equipment and supplies				
8.	Assures lumber is cut to length				
9.	Properly assembles shore utilizing header, sole plate, posts, gusset plates, cleats, and wedges				
10.	Posts spaced adequately to support calculated load				
11.	Shore placed under load and secured in place				
12.	Backfill provided as necessary				
13.	Shore provides for adjustability and has positive end connections				
14.	Diagonal bracing provided				
15.	Load effectively transferred and objective adequately stabilized				
16.	Were all tasks completed in a SAFE manner? (“NO” indicates automatic failure				

Pass _____	Pass _____
Fail _____	Fail _____

Evaluator Comments: _____

Evaluator Signature: _____ Evaluator # _____

Re-Test Evaluator Signature: _____ Evaluator # _____

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STATION – K Support Operations	Test Date	Candidate #
Reference NFPA 1006 (2013 Edition) Chapter 9 Mandatory Station JPR 9.1.7, 9.2.7	Test Site	

Directions: You are operating on the scene of a building collapse and have been tasked with establishing adequate lighting and a rehab area in support of the rescue operation utilizing the equipment and supplies provided

Performance Outcome: Pass/ Fail will be determined by 10 of the 10 items being performed correctly

Evaluator Note: Please check level being tested: ___ Tech I ___ Tech II ___ Tech I/II

No.	Task Steps	Initial Test		Retest	
		Yes	No	Yes	No
1.	Ensures proper/continued use of Personal Protective Equipment (PPE).				
2.	Determines scene lighting resource needs				
3.	Assembles appropriate lighting equipment				
4.	Connects power cords to electrical source and lights				
5.	Starts electrical source and assures scene is adequately illuminated				
6.	Selects appropriate area for rehab				
7.	Environmental conditions taken into consideration				
8.	Resource needs for rehab area identified				
9.	Resources effectively managed				
10.	Were all tasks completed in a SAFE manner? (“NO” indicates automatic failure)				

Pass _____	Pass _____
Fail _____	Fail _____

Evaluator Comments: _____

Evaluator Signature: _____ Evaluator # _____

Re-Test Evaluator Signature: _____ Evaluator # _____

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STATION – L Victim Evaluation, Release from Entrapment, Packaging and Movement.	Test Date	Candidate #
Reference NFPA 1006 (2013 Edition) Chapter 9 Mandatory Station JPR 9.1.8, 9.1.9, 9.1.10, 9.2.8, 9.2.9, 9.1.10	Test Site	

Directions: You are operating on the scene of a building collapse involving a heavy construction-type steel reinforced concrete structure and have discovered an entrapped victim. For this exercise you are to assess the victim, provide basic medical care, release the victim from the entrapping mechanism, package and remove the victim from the collapse structure

Performance Outcome: Pass/ Fail will be determined by 13 of the 13 items being performed correctly

Evaluator Note: Please check level being tested: ___ Tech I ___ Tech II ___ Tech I/II

No.	Task Steps	Initial Test		Retest	
		Yes	No	Yes	No
1.	Ensures proper/continued use of Personal Protective Equipment (PPE).				
2.	Accesses victim and assesses degree and mechanism of entrapment				
3.	Provides patient protection (head & eye protection, shielding, etc)				
4.	Provides for appropriate medical evaluation and identifies need for intervention by qualified personnel prior to releasing victim from entrapment				
5.	Possibility of “crush syndrome” recognized				
6.	Resources to disentangle and extricate patient identified and assembled				
7.	Load lifted from patient utilizing appropriate tools and techniques in a controlled manner providing for continuous stabilization throughout the lifting process				
8.	Patient freed from entrapment and load secured in place				
9.	Appropriate patient packaging and removal equipment chosen given situation				
10.	Packaging equipment appropriately applied to patient				
11.	Victim prepared for removal				
12.	Patient removed from collapsed structure in a safe and efficient manner				
13.	Were all tasks completed in a SAFE manner? (“NO” indicates automatic failure				

Pass _____	Pass _____
Fail _____	Fail _____

Continued on next page

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Evaluator Comments: _____

Evaluator Signature: _____ Evaluator # _____

Re-Test Evaluator Signature: _____ Evaluator # _____

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STATION - M Heavy Lift and Move	Test Date	Candidate #
Reference NFPA 1006 (2013 Edition) Chapter 9 Mandatory Station JPR 9.1.10, 9.1.11, 9.1.13, 9.2.10, 9.2.11, 9.2.13	Test Site	

Directions: You are operating on the scene of a building collapse involving a heavy construction-type steel reinforced concrete structure. Your team has been assigned to move a piece of debris in order to gain access to another portion of the structure. For this exercise you are to move the identified object throughout an obstacle course utilizing the tools and equipment provided

Performance Outcome: Pass/ Fail will be determined by 8 of the 8 items being performed correctly

No.	Task Steps	Initial Test		Retest	
		Yes	No	Yes	No
1.	Ensures proper/continued use of Personal Protective Equipment (PPE).				
2.	Performs load calculation on object to be moved				
3.	Assembles appropriate resources				
4.	Functioning as a team moves object throughout identified obstacle course utilizing the following: <ul style="list-style-type: none"> • Construction of cribbing systems (appropriate for anticipated load) • Basic principles of leverage (Class I, II & III) • Mechanical advantage/rigging systems 				
5.	Object moved in a controlled manner				
6.	All obstacles negotiated without significant difficulty.				
7.	Object moved to identified location safely and efficiently				
8.	Were all tasks completed in a SAFE manner? (“NO” indicates automatic failure				

Pass _____	Pass _____
Fail _____	Fail _____

Evaluator Comments: _____

Evaluator Signature: _____ Evaluator # _____

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STATION - N Vertical Concrete Breaching	Test Date	Candidate #
Reference NFPA 1006 (2013 Edition) Chapter 9 Mandatory Station JPR 9.2.12	Test Site	

Directions: You are operating on the scene of a building collapse involving a heavy construction-type steel reinforced concrete structure. Your team has been assigned to breach a wall in order to gain access to another portion of the structure. For this exercise you are to breach a hole in the wall utilizing the tools and equipment provided

Performance Outcome: Pass/ Fail will be determined by 10 of the 10 items being performed correctly

No.	Task Steps	Initial Test		Retest	
		Yes	No	Yes	No
1.	Ensures proper/continued use of Personal Protective Equipment (PPE).				
2.	Sizes-up the wall and determines area to be breached.				
3.	Determines resource needs and assembles appropriate equipment				
4.	Core drills wall to determine concrete thickness and provide for atmospheric monitoring and technical search prior to commencing with				
5.	Utilizes appropriate tools and techniques to breach wall (stitch drill and chip or hydraulic chain saw).				
6.	Properly secures section of wall being breached in order to provide for controlled removal of breached section				
7.	Severs any steel reinforcing rod (rebar) in concrete utilizing appropriate tools and equipment				
8.	Breached segment removed in a controlled manner				
9.	Hole of adequate size to pass rescuer through opening.				
10.	Were all tasks completed in a SAFE manner? (“NO” indicates automatic failure				

Pass _____	Pass _____
Fail _____	Fail _____

Evaluator Comments: _____

Evaluator Signature: _____ Evaluator # _____

Re-Test Evaluator Signature: _____ Evaluator # _____

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STATION - O Horizontal Concrete Breaching	Test Date	Candidate #
Reference NFPA 1006 (2013 Edition) Chapter 9 Mandatory Station JPR 9.2.12	Test Site	

Directions: You are operating on the scene of a building collapse involving a heavy construction-type steel reinforced concrete structure. Your team has been assigned to breach a floor in order to gain access to another portion of the structure. For this exercise you are to breach a hole in the floor utilizing the tools and equipment provided.

Performance Outcome: Pass/ Fail will be determined by 10 of the 10 items being performed correctly

No.	Task Steps	Initial Test		Retest	
		Yes	No	Yes	No
1.	Ensures proper/continued use of Personal Protective Equipment (PPE).				
2.	Sizes-up the floor and determines area to be breached				
3.	Determines resource needs and assembles appropriate equipment				
4.	Core drills floor to determine concrete thickness and provide for atmospheric monitoring and technical search prior to commencing with breaching operations				
5.	Utilizes appropriate tools and techniques to breach floor				
6.	Properly secures section of floor being breached in order to provide for controlled removal of breached section				
7.	Severs any steel reinforcing rod (rebar) in concrete utilizing appropriate tools and equipment.				
8.	Breached segment removed in a controlled manner.				
9.	Hole of adequate size to pass rescuer through opening				
10.	Were all tasks completed in a SAFE manner? (“NO” indicates automatic failure				

Pass _____	Pass _____
Fail _____	Fail _____

Evaluator Comments: _____

Evaluator Signature: _____ Evaluator # _____

Re-Test Evaluator Signature: _____ Evaluator # _____

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STATION - P Steel Cutting	Test Date	Candidate #
Reference NFPA 1006 (2013 Edition) Chapter 9 Mandatory Station JPR 9.2.15	Test Site	

Directions: You are operating on the scene of a building collapse involving a heavy construction-type structure. You have been assigned to cut and remove a section of steel beam in order to gain access to another portion of the structure. For this exercise you are to sever the steel utilizing the tools and equipment provided

Performance Outcome: Pass/ Fail will be determined by 10 of the 10 items being performed correctly

No.	Task Steps	Initial Test		Retest	
		Yes	No	Yes	No
1.	Identifies and utilizes personal protective equipment specific for cutting and burning operations (heavy leather gloves, flame retardant)				
2.	Determines resource needs and assembles appropriate equipment				
3.	Provides for adequate fire protection in support of cutting/burning operations				
4.	Sets proper pressures on regulators for oxygen and/or fuel gas based on manufacturers recommendations				
5.	Properly ignites and sets-up torch for cutting/burning operation				
6.	Preheats metal adequately prior to applying oxygen for burning (if using oxyacetylene or Petrogen system).				
7.	Performs cut/burning procedure utilizing appropriate techniques				
8.	Object severed and completely removed				
9.	Torch turned off and regulators bled				
10.	Were all tasks completed in a SAFE manner? (“NO” indicates automatic failure)				

Pass _____	Pass _____
Fail _____	Fail _____

Evaluator Comments: _____

Evaluator Signature: _____ Evaluator # _____

Re-Test Evaluator Signature: _____ Evaluator # _____

**Rescue Technician Professional Qualifications
Chapter 9 Structural Collapse – NFPA 1006 2013 Edition**



STATION - Q Heavy Equipment Use & Coordination	Test Date	Candidate #
Reference NFPA 1006 (2013 Edition) Chapter 9 Mandatory Station JPR 9.2.16	Test Site	

Directions: You are operating on the scene of a building collapse involving a heavy construction-type steel reinforced concrete structure. Your team has been assigned to sling a piece of debris and remove it utilizing a crane in order to gain additional access to the structure for rescue operations. For this exercise you are to attach lifting slings to the object and coordinate the movement of the piece of debris with the crane operator.

Performance Outcome: Pass/ Fail will be determined by 15 of the 15 items being performed correctly

No.	Task Steps	Initial Test		Retest	
		Yes	No	Yes	No
1.	Ensures proper/continued use of Personal Protective Equipment (PPE).				
2.	Debris identified and load calculation performed				
3.	Needed rigging equipment identified and assembled				
4.	Rigging equipment inspected for signs of wear and damage				
5.	Tabulated data referenced regarding load carrying capacity of slings and				
6.	Center of gravity of load estimated				
7.	Load being lifted rigged utilizing appropriate techniques				
8.	Critical angles not exceed in rigging				
9.	Rigging slings protected from abrasion				
10.	Load rigging secured to crane hook				
11.	Load movement coordinated with crane operator utilizing appropriate crane operators' hand signals or radio communication.				
12.	Load lifted with minimal movement or shifting				
13.	Load moved to landing zone safely				
14.	Rigging removed from load and returned to state of readiness				
15.	Were all tasks completed in a SAFE manner? ("NO" indicates automatic failure				

Pass _____	Pass _____
Fail _____	Fail _____

Evaluator Comments: _____

Evaluator Signature: _____ Evaluator # _____

Re-Test Evaluator Signature: _____ Evaluator # _____

**Rescue Technician Professional Qualifications
Chapter 9 Structural Collapse – NFPA 1006 2013 Edition**



STATION - R – Breaching Light Frame Structural Components	Test Date	Candidate #
Reference NFPA 1006 (2013 Edition) Chapter 9 Mandatory Station JPR 9.1.12	Test Site	

Directions: You are operating at the scene of a building collapse involving a light frame structure and have been tasked with breaching a portion of that structure in order to conduct search operations. Using the tools and equipment provided breach the section of the structure provided in order to allow access for rescuer entry and void search operations. Do you have any questions?

Performance Outcome: Pass/Fail will be determined by 8 of 8 items being performed correctly.

No.	Task Steps	Initial Test		Retest	
		Yes	No	Yes	No
1.	Ensures proper/continued use of Personal Protective Equipment (PPE).				
2.	Performs size-up and chooses appropriate area or portion of structure to breach				
3.	Selects appropriate tools and equipment to complete assignment				
4.	Uses tools effectively to create opening in structure				
5.	Structural stability is not compromised during breaching operations				
6.	Opening allows for rescuer entry into structure/void				
7.	Methods utilized are safe and efficient				
8.	Were all tasks completed in a SAFE manner? (“NO” indicates automatic failure				

PASS _____	PASS _____
FAIL _____	FAIL _____

Evaluator Comments: _____

Evaluator Signature: _____ Evaluator # _____

Re-Test Evaluator Signature: _____ Evaluator # _____