

**SKILL SHEET 9.2.1 - SCENE SIZE-UP**
 JPR 9.2 Level 2 Structural  
 Collapse Rescue -  
 Mandatory

Date: \_\_\_\_\_

Student Name: \_\_\_\_\_

Student #: \_\_\_\_\_

**Directions:** Conduct a size-up of a heavy constructed collapsed structure, given an incident and specific incident information, so that existing and potential conditions within the structure and the immediate periphery are evaluated, needed resources are defined, hazards are identified, construction and occupancy types are determined, collapse type is identified if possible, the need for rescue is assessed, a scene security perimeter is established, and the size-up is conducted within the scope of the incident management system.

Task Number	Task	Initial Test		Retest	
		Yes	No	Yes	No
1	Categorizes heavy construction type(s)				
2	Evaluates structural stability				
3	Evaluates hazards				
4	Implements resource and security protocols (scene management)				
20	Were all tasks completed in a SAFE manner? ("NO" indicates automatic failure)				

**Pass/Fail Criteria:** Any "No" constitutes a failure of the station.

Pass \_\_\_\_\_

Fail \_\_\_\_\_

Evaluator Comments: \_\_\_\_\_

Evaluator Signature (initial): \_\_\_\_\_

Evaluator Signature (retest): \_\_\_\_\_

# NFPA 1006 Skills Evaluation

## Check Sheet



### SKILL SHEET 9.2.10 – HEAVY LIFT

JPR 9.2 Level 2 Structural  
Collapse Rescue -  
Mandatory

Date:	Student Name:	Student #:
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**Directions:** Lift a heavy load as a team member, given a structural collapse tool kit and a load to be lifted, so that the load is lifted; control and stabilization are maintained before, during and after the lift, and access can be gained.

Task Number	Task	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	Chooses and operates lifting tools properly, including a lever				
4	Object lifted in a controlled manner with proper load stabilization				
5	Were all tasks completed in a SAFE manner? ("NO" indicates automatic failure)				

<b>Pass/Fail Criteria:</b> Any "No" constitutes a failure of the station.	Pass		Pass	
	Fail		Fail	
Evaluator Comments:				

Evaluator Signature (initial): \_\_\_\_\_

Evaluator Signature (retest): \_\_\_\_\_

# NFPA 1006 Skills Evaluation

## Check Sheet



### SKILL SHEET 9.2.11 - MOVE A HEAVY LOAD

JPR 9.2 Level 2 Structural  
Collapse Rescue -  
Mandatory

Date:	Student Name:	Student #:
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**Directions:** Move a heavy load as a team member, given a structural collapse tool kit, so that the load is moved the required distance to gain access and so that control is constantly managed.

Task Number	Task	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: • 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	Object moved to identified location safely and efficiently				
7	Were all tasks completed in a SAFE manner? ("NO" indicates automatic failure)				

Pass/Fail Criteria: Any "No" constitutes a failure of the station.	Pass	Pass	
	Fail	Fail	

Evaluator Comments:

Evaluator Signature (initial): \_\_\_\_\_

Evaluator Signature (retest): \_\_\_\_\_

# NFPA 1006 Skills Evaluation

## Check Sheet



### SKILL SHEET 9.2.12 – BREACHING HEAVY CONSTRUCTION STRUCTURAL COMPONENTS

JPR 9.2 Level 2 Structural Collapse Rescue - Mandatory

Date:	Student Name:	Student #:
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**Directions:** Breach heavy structural components, given an assignment, PPE, various types of construction materials, and a structural collapse tool kit, so that the opening supports the rescue objectives, the necessary tools are selected, structural stability is maintained, and the methods utilized are safe and efficient.

Task Number	Task	Initial Test		Retest	
		Yes	No	Yes	No
1	Ensures proper/continued use of Personal Protective Equipment (PPE).				
2	Selects appropriate tools and equipment to complete assignment				
3	Uses tools effectively to create opening in structure				
4	Structural stability is not compromised and stabilization methods used if needed				
5	Opening allows for rescuer entry into structure/void				
6	Methods utilized are safe and efficient				
7	Were all tasks completed in a SAFE manner? ("NO" indicates automatic failure)				

Pass/Fail Criteria: Any "No" constitutes a failure of the station.	Pass	Pass	
	Fail	Fail	

Evaluator Comments:
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Evaluator Signature (initial): \_\_\_\_\_

Evaluator Signature (retest): \_\_\_\_\_

# NFPA 1006 Skills Evaluation

## Check Sheet



### SKILL SHEET 9.2.13 – CONSTRUCT CRIBBING SYSTEMS

JPR 9.2 Level 2 Structural  
Collapse Rescue -  
Mandatory

Date: \_\_\_\_\_ Student Name: \_\_\_\_\_ Student #: \_\_\_\_\_

**Directions:** Construct cribbing systems, given an assignment, PPE, a structural collapse tool kit, and lumber, wedges and shims, so that the cribbing system will safely support the load, the system is stable, and the assignment is completed

Task Number	Task	Initial Test		Retest	
		Yes	No	Yes	No
1	Ensures proper/continued use of Personal Protective Equipment (PPE).				
2	Calculates loads correctly				
3	Determines stability and evaluates the structural integrity of the cribbing system				
4	Selects the proper cribbing configuration				
5	Properly constructs the cribbing system				
6	Methods utilized are safe and efficient				
7	Were all tasks completed in a SAFE manner? ("NO" indicates automatic failure)				

<b>Pass/Fail Criteria:</b> Any "No" constitutes a failure of the station.	Pass	Pass	
	Fail	Fail	
Evaluator Comments:			

Evaluator Signature (initial): \_\_\_\_\_

Evaluator Signature (retest): \_\_\_\_\_

# NFPA 1006 Skills Evaluation

## Check Sheet



### SKILL SHEET 9.2.14 – STABILIZE A HEAVY CONSTRUCTION COLLAPSED STRUCTURE (SHORING)

JPR 9.2 Level 2 Structural Collapse Rescue - Mandatory

Date:	Student Name:	Student #:
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**Directions:** Stabilize a collapsed heavy construction-type structure as a member of a team, given size-up information, PPE, a specific pattern of collapse, a structural collapse tool kit, specialized equipment necessary to complete the task, and engineering resources if needed, so that hazard warning systems are established and understanding by team members is verified, all unstable structural components that can impact the work and egress routes are identified, alternative egress routes are established when possible, expert resource needs are determined and communicated to command, load estimates are calculated for support system requirements, all shoring systems meet or exceed load-bearing demands, shoring systems are monitored continuously for integrity, safety protocols are followed, a rapid intervention crew is established and staged, and accountability system is established, atmospheric monitoring is ongoing, and progress is communicated as required.

Task Number	Task	Initial Test		Retest	
		Yes	No	Yes	No
1	Ensures proper/continued use of Personal Protective Equipment (PPE).				
2	Determines resource needs				
3	Identifies and mitigates any potential hazards				
4	Performs a structural load calculation				
5	Selects and operates appropriate equipment and tools				
6	Implements communication and safety protocols				
7	Properly constructs Ellis & Paratech shoring systems _____ components sized correctly    _____ nail patterns & gussets    _____ installed correctly				
8	Properly constructs laced post shore _____ components sized correctly    _____ nail patterns & gussets    _____ installed correctly				
9	Properly constructs a horizontal shore _____ components sized correctly    _____ nail patterns & gussets    _____ installed correctly _____ diagonal/lateral bracing				
10	Properly constructs a multiple raker shore system _____ components sized correctly    _____ nail patterns & gussets    _____ installed correctly _____ diagonal/lateral bracing				
11	Shore provides for adjustability and positive end connections				
12	Load effectively transferred and objective adequately stabilized				
13	Were all tasks completed in a SAFE manner? ("NO" indicates automatic failure)				

**Pass/Fail Criteria:** Any "No" constitutes a failure of the station.

Pass		Pass	
Fail		Fail	

Evaluator Comments:

Evaluator Signature (initial): \_\_\_\_\_

Evaluator Signature (retest): \_\_\_\_\_

# NFPA 1006 Skills Evaluation

## Check Sheet



### SKILL SHEET 9.2.15 – CUT STRUCTURAL STEEL

JPR 9.2 Level 2 Structural  
Collapse Rescue -  
Mandatory

Date:	Student Name:	Student #:
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**Directions:** Cut through structural steel, given a structural collapse tool kit, PPE, and an assignment, so that the steel is efficiently cut, the victim and rescuer are protected, fire control measures are in place, and the objective is accomplished.

Task Number	Task	Initial Test		Retest	
		Yes	No	Yes	No
1	Ensures proper/continued use of Personal Protective Equipment (PPE).				
2	Assessed tool needs properly				
3	Properly selects, configures, and uses the cutting tool(s)				
4	Implements proper extinguishment techniques				
5	Mitigates hazards				
6	Stabilizes heavy loads as needed				
7	Were all tasks completed in a SAFE manner? ("NO" indicates automatic failure)				

<b>Pass/Fail Criteria:</b> Any "No" constitutes a failure of the station.	Pass	Pass	
	Fail	Fail	
Evaluator Comments:			

Evaluator Signature (initial): \_\_\_\_\_

Evaluator Signature (retest): \_\_\_\_\_

# NFPA 1006 Skills Evaluation

## Check Sheet



### SKILL SHEET 9.2.16 – HEAVY EQUIPMENT USE & COORDINATION

JPR 9.2 Level 2 Structural Collapse Rescue - Mandatory

Date:

Student Name:

Student #:

**Directions:** Coordinate the use of heavy equipment, given PPE, means of communication, equipment and operator, and an assignment, so that common communications are established, equipment usage supports the operational objective, hazards are avoided, and rescuer and operator safety protocols are followed.

Task Number	Task	Initial Test		Retest	
		Yes	No	Yes	No
1	Ensures proper/continued use of Personal Protective Equipment (PPE).				
2	Properly uses hand signals and/or radio equipment				
3	Recognizes and avoids/mitigates hazards				
4	Assesses for operator and rescuer safety				
	Were all tasks completed in a SAFE manner? ("NO" indicates automatic failure)				

**Pass/Fail Criteria:** Any "No" constitutes a failure of the station.

Pass		Pass	
Fail		Fail	

Evaluator Comments:

Evaluator Signature (initial): \_\_\_\_\_

Evaluator Signature (retest): \_\_\_\_\_

SKILL STATION 9.2.2 - DETERMINE POTENTIAL VICTIM LOCATIONS			JPR 9.2 Level 2 Structural Collapse Rescue - Mandatory			
Date: _____		Student Name: _____			Student #: _____	
<b>Directions:</b> Determine potential victim locations in a heavy construction collapse incident, given size-up information, a structural collapse tool kit, the type of construction and occupancy, time of day, and collapse pattern, so that search areas are established and victims can be located.						
Task Number	Task		Initial Test		Retest	
			Yes	No	Yes	No
1	Uses size up information to determine possible victim locations					
2	Utilizes occupancy type, classification, and time of day to determine possible victim locations					
3	Properly utilizes search devices					
4	Assesses type of collapse and category of building to determine possible victim locations					
20	Were all tasks completed in a SAFE manner? ("NO" indicates automatic failure)					
<b>Pass/Fail Criteria:</b> Any "No" constitutes a failure of the station.			Pass		Pass	
			Fail		Fail	
Evaluator Comments: _____						

Evaluator Signature (initial): \_\_\_\_\_

Evaluator Signature (retest): \_\_\_\_\_

**SKILL SHEET 9.2.3 - DEVELOP A COLLAPSE RESCUE INCIDENT ACTION PLAN**

 JPR 9.2 Level 2 Structural  
 Collapse Rescue - Mandatory

Date:	Student Name:	Student #:
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**Directions:** Develop a collapse rescue incident action plan, given size-up information and a heavy construction collapsed structure, so that initial size-up information is utilized, an incident management system is incorporated, existing and potential conditions within the structure and the immediate periphery are included, specialized resource needs are identified, work perimeters are determined, collapse type/category and associated hazards are identified, construction and occupancy types are determined, incident objectives are established, and scene security measures are addressed.

Task Number	Task	Initial Test		Retest	
		Yes	No	Yes	No
1	Establishes and utilizes an Incident Management System				
2	Uses size-up information				
3	Monitors changing conditions specific to the incident				
4	Identifies potential specialized resources				
5	Identifies specific incident security requirements				
7	Determines construction type				
8	Determines building occupancy type				
9	Creates written documentation				
20	Were all tasks completed in a SAFE manner? ("NO" indicates automatic failure)				
<b>Pass/Fail Criteria:</b> Any "No" constitutes a failure of the station.		Pass		Pass	
		Fail		Fail	

Evaluator Comments:

Evaluator Signature (initial): \_\_\_\_\_

Evaluator Signature (retest): \_\_\_\_\_

**SKILL SHEET 9.2.4 - IMPLEMENT A COLLAPSE RESCUE INCIDENT ACTION PLAN**

 JPR 9.2 Level 2 Structural  
 Collapse Rescue - Mandatory

Date: \_\_\_\_\_ Student Name: \_\_\_\_\_ Student #: \_\_\_\_\_

**Directions:** Implement a collapse rescue incident action plan, given size-up information and a heavy construction collapsed structure, so that pertinent information is utilized, an incident management system is established and implemented, monitoring of dynamic conditions internally and externally is established, specialized resources are requested, hazards are mitigated, victim rescue and extraction techniques are consistent with collapse and construction type, and perimeter security measures are established.

Task Number	Task	Initial Test		Retest	
		Yes	No	Yes	No
1	Establishes and utilizes an Incident Management System				
2	Implements the components of an action plan				
3	Initiates hazard mitigation objectives				
4	Requests specialized resources				
5	Initiates rescue objectives				
6	Demonstrates security measures				
20	Were all tasks completed in a SAFE manner? ("NO" indicates automatic failure)				

**Pass/Fail Criteria:** Any "No" constitutes a failure of the station.

Pass	Pass
Fail	Fail

Evaluator Comments: \_\_\_\_\_

Evaluator Signature (initial): \_\_\_\_\_

Evaluator Signature (retest): \_\_\_\_\_

# NFPA 1006 Skills Evaluation

## Check Sheet



### SKILL SHEET 9.2.5 – SEARCH A HEAVY CONSTRUCTION COLLAPSED STRUCTURE

JPR 9.2 Level 2 Structural Collapse Rescue - Mandatory

Date:	Student Name:	Student #:
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**Directions:** Search a heavy construction collapsed structure, given PPE, the structural collapse tool kit, an assignment, operational protocols, and size-up information, so that all victim locations and potential hazards are identified, marked, and reported; protocols are followed; the mode of operation can be determined, and rescuer safety is maintained

Task Number	Task	Initial Test		Retest	
		Yes	No	Yes	No
1	Ensures proper/continued use of Personal Protective Equipment (PPE).				
2	Works within the incident management system				
3	Identifies & marks potential hazards				
4	Selects appropriate search equipment and methods given situation and size-up information. Check equipment/methods selected: <input type="checkbox"/> Hailing/audible <input type="checkbox"/> Physical void search <input type="checkbox"/> Fiber optic (Search Cam, Mongoose, Snake Eye, etc.) <input type="checkbox"/> Acoustic/seismic (Delsar or equivalent) <input type="checkbox"/> Thermal imaging/FLIR <input type="checkbox"/> 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	Properly marks building using standard FEMA building search marking system.				
10	Were all tasks completed in a SAFE manner? ("NO" indicates automatic failure)				

<b>Pass/Fail Criteria:</b> Any "No" constitutes a failure of the station.	Pass		Pass	
	Fail		Fail	
Evaluator Comments:				

Evaluator Signature (initial): \_\_\_\_\_

Evaluator Signature (retest): \_\_\_\_\_

# NFPA 1006 Skills Evaluation

## Check Sheet



### SKILL SHEET 9.2.6 – STABILIZE A HEAVY CONSTRUCTION COLLAPSED STRUCTURE (SHORING)

JPR 9.2 Level 2 Structural Collapse Rescue - Mandatory

Date: \_\_\_\_\_ Student Name: \_\_\_\_\_ Student #: \_\_\_\_\_

**Directions:** Stabilize a collapsed heavy construction structure as a member of a team, given size-up information, a collapse pattern, tools & equipment, and an assignment, so that strategies to effectively minimize the movement of structural components are identified and implemented; hazard warning systems are established and understood by rescuers, PPE is used; physical hazards are identified; confinement, containment, and avoidance measures are discussed; and a rapid intervention team is established and staged.

Task Number	Task	Initial Test		Retest	
		Yes	No	Yes	No
1	Ensures proper/continued use of Personal Protective Equipment (PPE).				
2	Determines resource needs				
3	Identifies and mitigates any potential hazards				
4	Performs a structural load calculation				
5	Selects and operates appropriate equipment and tools				
6	Implements communication and safety protocols				
7	Properly constructs Ellis & Paratech shoring systems _____ components sized correctly _____ nail patterns & gussets _____ installed correctly				
8	Properly constructs laced post shore _____ components sized correctly _____ nail patterns & gussets _____ installed correctly				
9	Properly constructs a horizontal shore _____ components sized correctly _____ nail patterns & gussets _____ installed correctly _____ diagonal/lateral bracing				
10	Properly constructs a multiple raker shore system _____ components sized correctly _____ nail patterns & gussets _____ installed correctly _____ diagonal/lateral bracing				
11	Shore provides for adjustability and positive end connections				
12	Load effectively transferred and objective adequately stabilized				
13	Were all tasks completed in a SAFE manner? ("NO" indicates automatic failure)				

Pass/Fail Criteria: Any "No" constitutes a failure of the station.	Pass		Pass	
	Fail		Fail	

Evaluator Comments:

Evaluator Signature (initial): \_\_\_\_\_

Evaluator Signature (retest): \_\_\_\_\_

# NFPA 1006 Skills Evaluation

## Check Sheet



### SKILL SHEET 9.2.7 – SUPPORT OPERATIONS

JPR 9.2 Level 2 Structural Collapse Rescue - Mandatory

Date:

Student Name:

Student #:

**Directions:** Implement collapse support operations at a rescue incident, given an assignment and available resources, so that scene lighting is adequate for the tasks to be undertaken, environmental concerns are managed, personnel rehab is facilitated, and the support operations facilitate rescue operational objectives.

Task Number	Task	Initial Test		Retest	
		Yes	No	Yes	No
1	Ensures proper/continued use of Personal Protective Equipment (PPE).				
2	Determines need, selects, and properly assembles scene lighting resources				
3	Environmental conditions taken into consideration				
4	Resource needs for rehab area identified and rehab area properly set-up				
5	Resources effectively managed				
6	Were all tasks completed in a SAFE manner? ("NO" indicates automatic failure)				

**Pass/Fail Criteria:** Any "No" constitutes a failure of the station.

Pass		Pass	
Fail		Fail	

Evaluator Comments:

Evaluator Signature (initial): \_\_\_\_\_

Evaluator Signature (retest): \_\_\_\_\_

**SKILL SHEET 9.2.8 - RELEASE AN ENTRAPPED VICTIM**JPR 9.2 Level 2 Structural  
Collapse Rescue - Mandatory

Date:

Student Name:

Student #:

**Directions:** Release a victim from entrapment by components of a heavy construction collapsed structure, given PPE, and tools and equipment appropriate for the task, so that hazards to the rescuers and victims are minimized, considerations are given to crush syndrome, techniques enhance patient survivability, tasks are accomplished within appropriate time frames, and techniques do not compromise the integrity of the structure or structure support systems.

Task Number	Task	Initial Test		Retest	
		Yes	No	Yes	No
1	Completes risk-benefit assessment of different methods of rescue				
2	Ensures proper use of Personal Protective Equipment (PPE)				
3	Operates rescue tools and stabilization systems				
4	Recognizes crush syndrome indicators				
	Were all tasks completed in a SAFE manner? ("NO" indicates automatic failure)				

**Pass/Fail Criteria:** Any "No" constitutes a failure of the station.

Pass	Pass
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Fail	Fail
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Evaluator Comments:

Evaluator Signature (initial): \_\_\_\_\_

Evaluator Signature (retest): \_\_\_\_\_

**SKILL SHEET 9.2.9 - REMOVE A VICTIM FROM A HEAVY CONSTRUCTION COLLAPSE**

JPR 9.2 Level 2 Structural Collapse Rescue - Mandatory

Date: \_\_\_\_\_ Student Name: \_\_\_\_\_ Student #: \_\_\_\_\_

**Directions:** Remove a victim from a heavy construction collapse incident, given a disentangled victim, a basic first aid kit, and victim packaging resources, so that basic life functions are supported as required, victim is evaluated for signs of crush syndrome, advanced life support is called if needed, methods and packaging devices selected are compatible with intended route of transfer, universal precautions are employed to protect personnel from bloodborne pathogens, and extraction times meet time constraints for medical management.

Task Number	Task	Initial Test		Retest	
		Yes	No	Yes	No
1	Selects and properly uses appropriate patient packaging equipment				
2	Ensures proper use of Personal Protective Equipment (PPE)				
3	Initiates basic care of trauma, airway, & CPR as needed				
20	Were all tasks completed in a SAFE manner? ("NO" indicates automatic failure)				

**Pass/Fail Criteria:** Any "No" constitutes a failure of the station.

Pass		Pass	
Fail		Fail	

Evaluator Comments: \_\_\_\_\_

Evaluator Signature (initial): \_\_\_\_\_

Evaluator Signature (retest): \_\_\_\_\_