



# MABAS 3701

## TECHNICAL RESCUE TEAM

# TASK BOOK

Member's Name: \_\_\_\_\_

Dept#: \_\_\_\_\_

Fire Department: \_\_\_\_\_

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

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

## MABAS 3701 **Technical Rescue Team**

### **Purpose:**

One goal of the Technical Rescue Team task book is to ensure our Special Operations members are maintaining an acceptable level of competency with what is deemed to be typical Job Performance Requirements (JPR's) set forth by guidelines within NFPA 1006 (Standard for Technical Rescuer Professional Qualifications). The intent of this task book is to track competencies and identify shortfalls within the Technical Rescue Team. This book will assist in future training initiatives, goals, and objectives as we continue to move forward with ensuring our responders meet a minimum standard within their specific certification levels.

### **Requirements:**

Upon receipt of this task book, each member will be responsible for completing the required sections annually. As you will see, this task book identifies all branches of Technical Rescue to include Site Operations, Technical Rope, Trench Technician, Confined Space Technician and Structural Collapse Technician. The following requirements **must** be met:

- 100% completion is required for each section in which you hold a technician level certification in. For example, if you are only certified in rope and trench, you will only be required to complete those sections of this task book. Other sections may be completed however they are not required unless you hold a certification in those areas.
- All team members are required to complete the Site Operations section of this task book.
- Team members are responsible for the management of their task book. It is your responsibility to ensure the skills are signed off when completed.
- Once completed, the member is required to submit the task book to the Technical Rescue Team training coordinator or designated party for final signatures.
  - Failure to complete the task book in the allotted time frame will result in appropriate disciplinary action or remedial training and could be subject to removal from the 3701 Technical Rescue Team.
  - Task book skills may be completed during TRT sanctioned training, station drills or qualified training to include state or federal training.
  - Skills may only be signed off by approved TRT Officers or designated TRT instructors.

Questions regarding the purpose of the task book or its content should be directed to the Technical Rescue Team directors.

## TASK BOOK DEFINITIONS

**“Defines”** - Team member can successfully provide a definition or common meaning for a said item, topic, or task.

Team member can successfully identify tools, equipment, resources, components, or other features pertinent to the task, skill, or operation.

**“Identifies”** -

**“Performs”** /

**“Demonstrates”** - Team member can successfully complete a skill or task as either an individual or while functioning as a team.

**“Assembles”** -

Team member shows competency in the assembly of a system, component, tool, or equipment that may be utilized while completing a task.

**“Exceptional”** -

Team member shows expert level knowledge or functions above what would be considered an average level of competency. Team member could be considered a subject matter expert in each task or skill.

**“Satisfactory”** -

Team member meets a competency level that is consistent with the successful completion of a JPR. Team member has an acceptable understanding of skills, tasks, and use of tools and equipment. Team member can complete tasks and skills with little direction.

**“Below Average”** -

Team member does not meet a competency level consistent with the JPR. Team member is not able to complete skills or task. This rating requires the appropriate supporting documentation from the evaluator / instructor and may require remedial training.

**“JPR”** -

Job Performance Requirements. These are technician level skills identified within NFPA 1006. Successful completion of identified JPR's are required in order to receive technician level certification in a specific area of technical rescue.

# **SECTION 1:**

# **SITE OPERATIONS**

## **NFPA 1006**

## **CHAPTER 5**

MABAS 3701

**Technical Rescue Team Annual Certification**

**Site Operations**

Name \_\_\_\_\_ Department \_\_\_\_\_

KNOWLEDGE, TASK, SKILL COMPETENCY	1006 JPR#	EVALUATOR: Initial & date upon completion of task
<b>Site Operations</b>		
Move a victim in a low angle environment	<b>5.3.2</b>	
<input type="checkbox"/> Identifies equipment used for a low angle rescue i.e., slope evacuation		
<input type="checkbox"/> Assembles the equipment used in a low angle rescue system		
<input type="checkbox"/> Demonstrates ability to construct a low angle rescue system		
<input type="checkbox"/> Demonstrates ability to attach a mainline and belay line system to a stokes basket		
<input type="checkbox"/> Demonstrates the ability to attach rescuers to a low angle rescue system i.e., slope evacuation		
Access, stabilize, package and transfer victims	<b>5.3.3</b>	
<input type="checkbox"/> Identifies patient packaging devices		
<input type="checkbox"/> Demonstrates patient packaging techniques:		
1. Stokes basket lashing (interior / exterior)		

2. LSP / Yates		
3. Sked Stretcher		
4. Victim harness, Pezel Diaper		
Inspect and maintain hazard-specific PPE	<b>5.4.1</b>	
<input type="checkbox"/> Demonstrates ability to properly inspect and ensure safe function of a rope system		
Inspect and maintain rescue equipment	<b>5.4.2</b>	
Tie knots bends and hitches including:	<b>5.5.1</b>	
<input type="checkbox"/> Family of 8's – Fig 8, 8 on bight, retrace		
<input type="checkbox"/> Yosemite Bowline		
<input type="checkbox"/> Double Long Tail Bowline		
<input type="checkbox"/> Double Overhand knot, on a bight		

<input type="checkbox"/> Double Overhand Bend		
<input type="checkbox"/> Butterfly Knot		
<input type="checkbox"/> Clove Hitch		
<input type="checkbox"/> Half Hitch		
<input type="checkbox"/> Munter Hitch		
<input type="checkbox"/> Prusik Hitch – double and triple wrap		
Construct a single-point anchor system	<b>5.5.2</b>	
<input type="checkbox"/> Demonstrate the following single point anchors:		
1. Wrap 3 Pull 2		
2. High strength tie off		
3. Bowline around an object		
Place edge protection	<b>5.5.3</b>	
Construct a simple rope mechanical advantage system	<b>5.5.4</b>	
<input type="checkbox"/> Identify equipment used in Mechanical Advantage sys.		
<input type="checkbox"/> Assembles equipment needed to construct a MA system		
<input type="checkbox"/> Demonstrates the ability to construct the following:		
1. 2:1 MA System		

2. 3:1 MA System		
3. Simple 4:1 MA System		
4. Ganged MA System onto a Mainline		
Direct a team in the operation of a simple rope mechanical advantage system	<b>5.5.5</b>	
<input type="checkbox"/> Demonstrates the ability to use whistle commands		
Function as a litter attendant in a low angle lowering or hauling operation	<b>5.5.6</b>	
<input type="checkbox"/> Demonstrates ability to correctly attach an attendant to a rope system (slop evacuation attendant)		
Construct a lowering system	<b>5.5.7</b>	
<input type="checkbox"/> Identifies and constructs a mainline anchor		
<input type="checkbox"/> Demonstrates the safe operation of a lowering device		
Direct a lowering operation in a low-angle environment	<b>5.5.8</b>	
Construct a belay system	<b>5.5.9</b>	
<input type="checkbox"/> Identifies and constructs a belay line anchor		
Operate a belay system in during a lowering raising operation	<b>5.5.10</b>	
<input type="checkbox"/> Identifies equipment used for belay systems		
<input type="checkbox"/> Demonstrates the ability to use:		
1. Tandem prusik belay		
2. MPD belay		
Belay a falling load in a high-angle environment	<b>5.5.11</b>	
Conduct system safety check	<b>5.5.12</b>	
<input type="checkbox"/> Describes the “3 sets of eyes” rule		
<input type="checkbox"/> Identifies WLL, Breaking Strength, Safety Factor		
<input type="checkbox"/> Ensures 2 points of contact in a high angle setting		
<input type="checkbox"/> Performs full system safety check		

**Comments:** \_\_\_\_\_

**Overall Rating:    Exceptional    Satisfactory    Below Average (requires documentation)**

Member Signature: \_\_\_\_\_

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

Evaluator Signature: \_\_\_\_\_

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

Team Leader Signature: \_\_\_\_\_

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

# SECTION 2: TECHNICAL ROPE

## NFPA 1006 CHAPTER 6

MABAS 3701

### Technical Rescue Team Annual Certification

#### Rope Rescue

Name \_\_\_\_\_

Department \_\_\_\_\_

KNOWLEDGE, TASK, SKILL COMPETENCY	1006 JPR#	EVALUATOR: Initial & date upon completion of task
Direct a team in the operation of a simple rope mechanical advantage system in a high angle raising operation	<b>6.1.1</b>	
<input type="checkbox"/> Demonstrates knowledge of rope equipment used in MA systems		
<input type="checkbox"/> Understands the concepts of mechanical advantage		
<input type="checkbox"/> Defines a simple MA system		
<input type="checkbox"/> Selects appropriate anchors for a MA system		
<input type="checkbox"/> Proficiency in constructing the following MA systems:		
1. 2:1 MA system		
2. 3:1 MA system		
3. Simple 4:1 MA system		
4. Ganged MA system		
Direct a lowering operation in a high-angle environment	<b>6.1.2</b>	
<input type="checkbox"/> Identifies equipment used in lowering systems		
<input type="checkbox"/> Selects appropriate anchor for a main line system		
<input type="checkbox"/> Properly rigs and utilizes the following:		
1. Friction / Rappel Rack		



2. MPD		
3. Figure 8 and/or scarab		
<input type="checkbox"/> Constructs and operates a belay system		
Construct a multi-point anchor system	<b>6.1.3</b>	
<input type="checkbox"/> Identifies the “critical angle”		
<input type="checkbox"/> Constructs a 2-leg fixed and focused anchor		
<input type="checkbox"/> Constructs a 3-leg fixed and focused anchor		
<input type="checkbox"/> Demonstrates the use of webbing and cord to construct a fixed and focused anchor		
Construct a compound rope mechanical advantage system	<b>6.1.4</b>	
<input type="checkbox"/> Define a compound MA system		

<input type="checkbox"/> Assemble and construct the following MA systems:		
1. Compound 4:1		
2. Compound 6:1		
3. Compound 9:1		
Construct a fixed rope system	<b>6.1.5</b>	
<input type="checkbox"/> Select an appropriate anchor for intended load		
<input type="checkbox"/> Demonstrate the ability to fix a rope to a given anchor:		
1. Tensionless hitch / high strength tie off		
2. Yosemite Bowline		
3. Double Overhand Knot		
4. Tensionless hitch with kootney		
Direct the operation of a compound rope mechanical advantage system in a high-angle environment	<b>6.1.6</b>	
Ascend a fixed rope in a high-angle environment	<b>6.1.7</b>	
<input type="checkbox"/> Identifies equipment used for ascending rope		
<input type="checkbox"/> Demonstrates use of ascending with prusiks		
<input type="checkbox"/> Demonstrates use of ascending with ascenders		
<input type="checkbox"/> Demonstrates self-belay techniques		
Descend a fixed rope system in a high-angle environment	<b>6.1.8</b>	

<input type="checkbox"/> Identifies equipment used for descending a fixed rope		
<input type="checkbox"/> Demonstrates use of the Petzl ID		
<input type="checkbox"/> Demonstrates use of the rappel rack		
<input type="checkbox"/> Demonstrates use of the scarab		
<input type="checkbox"/> Demonstrates ability to change from ascending to descending while suspended from a fixed rope		
<input type="checkbox"/> Demonstrates self-belay techniques		
Complete an assignment while suspended from a rope rescue system in a high-angle environment	<b>6.2.1</b>	
<input type="checkbox"/> Performs proper patient packaging while on rope		
<input type="checkbox"/> Performs a pick-off of a suspended victim while on rope		
<input type="checkbox"/> Demonstrates proficiency to use a “set of 4’s” to manage a victim while suspended on rope		
<input type="checkbox"/> Applies a belay system to a victim while suspended on rope		
<input type="checkbox"/> Performs safety checks prior to moving a victim while suspended on rope		
<input type="checkbox"/> Demonstrates the ability to release a victim from a fall protection device while suspended on rope		
Manage the movement of the victim as the rescuer in a high angle environment	<b>6.2.2</b>	
<input type="checkbox"/> Demonstrate ability to prepare a litter / stokes for use in a high angle environment		
<input type="checkbox"/> Demonstrates the ability to correctly rig and attach to a stokes basket		

<input type="checkbox"/> Performs interior and exterior lashing		
<input type="checkbox"/> Demonstrates the ability to provide fall protection / belay to a victim in a stokes basket		
<input type="checkbox"/> Demonstrates competency in a steep slope evolution		
<input type="checkbox"/> Demonstrates competency in stokes operations with areal apparatus		
<input type="checkbox"/> Demonstrates competency with a ladder slide technique		
<input type="checkbox"/> Demonstrates the ability to correctly attach a rope system to the stokes in both a horizontal and vertical evolution		
Function as a litter attendant in a high angle lowering or hauling operation	<b>6.2.3</b>	
Direct a team in the removal of a suspended victim from rope or webbing in a high-angle environment	<b>6.2.4</b>	

<input type="checkbox"/> Identifies communication methods for rope rescue evolutions		
<input type="checkbox"/> Identifies and uses whistle commands in a rope rescue evolution		
Direct a team in the construction of a system intended to move a suspended load along a horizontal path to avoid an obstacle. This skill will be held for specific personnel only.	<b>6.2.5</b>	
Direct a team in the operation of a rope system to move a suspended load along a horizontal path	<b>6.2.6</b>	
Access a victim in a high-angle environment using techniques that require rescuers to climb up or down natural or man-made structures	<b>6.2.7</b>	
Isolate and manage potentially harmful energy sources found in erected structures, including power systems and construction materials	<b>6.2.8</b>	
<b>AHJ SKILLS:</b>		
Identifies team positions and functions in a rope rescue evolution		
Demonstrates proficiency in the assembly of a (3) leg vortex set up.		
<input type="checkbox"/> Secures feet and legs to prevent unwanted movement		
<input type="checkbox"/> Properly secures device to prevent unwanted movement		
<input type="checkbox"/> Demonstrates ability to attach system components to the AHD		
<input type="checkbox"/> Demonstrates ability to operate the belay system at edge transitions		
<input type="checkbox"/> Can identify force resultants within the AHD		
<input type="checkbox"/> Uses proper guying systems to secure AHD when needed		
Demonstrates the ability to create a picket anchor system		
<input type="checkbox"/> Properly lash and secure picket system		
<input type="checkbox"/> Demonstrates ability to create a 3-picket system, picket plate system		
Demonstrates the use of travel restriction systems		

**Comments:**

**Overall Rating:    Exceptional    Satisfactory    Below Average (requires documentation)**

Member Signature: \_\_\_\_\_

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

Evaluator Signature: \_\_\_\_\_

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

Team Leader Signature: \_\_\_\_\_

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

# **SECTION 3:** **CONFINED SPACE**

## **NFPA 1006**

## **CHAPTER 7**

### **MABAS 3701**

#### **Technical Rescue Team Annual Certification**

#### **Confined Space Rescue**

Name \_\_\_\_\_ Department \_\_\_\_\_

<b>KNOWLEDGE, TASK, SKILL COMPETENCY</b>	<b>1006 JPR#</b>	<b>EVALUATOR: Initial &amp; date upon completion of task</b>
Recognize, identify, and define a Confined Space. Identify the difference between a permit and a non-permit Confined Space		
Conduct monitoring of a Confined Space environment	<b>7.1.1</b>	
<input type="checkbox"/> Demonstrates knowledge of meter alarm parameters		
<input type="checkbox"/> Performs atmospheric monitoring of a confined space		
<input type="checkbox"/> Determines the need for ventilation of a confined space		
<input type="checkbox"/> Demonstrates proficiency in setting up a ventilation system		
Prepare for entry into a confined space	<b>7.1.2</b>	
<input type="checkbox"/> Demonstrates completion of a confined space permit		
<input type="checkbox"/> Follows 2 in 2 out procedures		
<input type="checkbox"/> Works as an attendant for a confined space entry		
<input type="checkbox"/> Identifies and manages hazards present in a confined space		
<input type="checkbox"/> Establishes fall protection as needed		
<input type="checkbox"/> Establishes the need for respiratory protection		

<input type="checkbox"/> Assembles a respiratory protection system		
<input type="checkbox"/> Assembles a communication system		
<input type="checkbox"/> Operates a respiratory protection system for entrants		
<input type="checkbox"/> Operates a communication system for entrants		
Enter a confined space	<b>7.1.3</b>	
<input type="checkbox"/> Demonstrates procedure to don a class 3 harness		
<input type="checkbox"/> Demonstrates donning of a respiratory protection system		
<input type="checkbox"/> Safely enters and maneuvers through a confined space		
Package a victim for removal from a confined space	<b>7.1.4</b>	
<input type="checkbox"/> Identifies patient packaging equipment		
<input type="checkbox"/> Demonstrates proficiency in patient packaging:		
1. LSP / Yates		
2. Sked Stretcher		
3. Victim harness		
Remove all entrants from a confined space	<b>7.1.5</b>	
<input type="checkbox"/> Establish and operate a retrieval system		
<input type="checkbox"/> Construct a raising / lowering rope system to safely lower and raise attendants into and out of a confined space		
<input type="checkbox"/> Operates a belay system to safely enter and remove an attendant into a confined space		
Preplan a confined space incident	<b>7.2.1</b>	
Assess a confined space incident to identify hazards, interview bystanders and victims, locate victims, develop a risk-benefit analysis, identify access/egress, determine rescue systems for victim removal, and establish emergency means of retrieval for Rescue entrants	<b>7.2.2</b>	
Control hazards associated with a Confined Space	<b>7.2.3</b>	
<input type="checkbox"/> Demonstrates knowledge of lock out tag out procedures		
<input type="checkbox"/> Performs lock out tag out procedures		

**Comments:**

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**Overall Rating:    Exceptional    Satisfactory    Below Average (requires documentation)**

Member Signature: \_\_\_\_\_

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

Evaluator Signature: \_\_\_\_\_

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

Team Leader Signature: \_\_\_\_\_

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

# SECTION 4: TRENCH RESCUE

## NFPA 1006 CHAPTER 8

MABAS 3701

### Technical Rescue Team Annual Certification

#### Trench Rescue

Name \_\_\_\_\_ Department \_\_\_\_\_

KNOWLEDGE, TASK, SKILL COMPETENCY	1006 JPR#	EVALUATOR: Initial & date upon completion of task
<i>Incident Management, Planning &amp; Scene Size UP:</i>		
Conduct a size-up of a collapse trench	<b>8.1.1</b>	
<input type="checkbox"/> Can define a trench		
<input type="checkbox"/> Isolates area, determines need to shut down powered equipment, interviews workers, determines # of patients, establishes work perimeters i.e. hot zone, warm zone		
<input type="checkbox"/> Can identify common collapse patterns		
<input type="checkbox"/> Establishes means of egress		
Implement a trench emergency action plan	<b>8.1.2</b>	
<i>Incident Objectives, Skills &amp; Tasks</i>		
Establishing scene lighting	<b>8.1.3</b>	
Establish a cut station	<b>8.1.3</b>	
<input type="checkbox"/> Identifies wood cutting tools carried in the cache		
<input type="checkbox"/> Demonstrates proficiency with cutting tools		
Provide supplemental power for equipment	<b>8.1.3</b>	
<input type="checkbox"/> Identifies options for providing power to the scene		
<input type="checkbox"/> Identifies tools & equipment used to supply power		



<input type="checkbox"/> Demonstrates the ability to establish a power source		
Establish atmospheric monitoring	<b>8.1.3</b>	
<input type="checkbox"/> Identifies the need for atmospheric monitoring		
<input type="checkbox"/> Demonstrates knowledge of meter alarm parameters		
<input type="checkbox"/> Performs atmospheric monitoring		
<input type="checkbox"/> Properly secures and protects meter from damage		
Provide ventilation	<b>8.1.3</b>	
<input type="checkbox"/> Determines the need for ventilation		
<input type="checkbox"/> Establishes a ventilation system		
<input type="checkbox"/> Establishes a heated air ventilation system		
Establish a rescue system for removing victims from a trench	<b>8.1.3</b>	
<input type="checkbox"/> Demonstrates the ability to safely establish a victim removal system		

Support a non-intersecting straight wall trench as a member of a team	<b>8.1.4</b>	
<input type="checkbox"/> Identifies equipment needed to prep the trench for work		
<input type="checkbox"/> Demonstrates the use of ground pads		
<input type="checkbox"/> Identifies safety concerns within the hot zone		
<input type="checkbox"/> Demonstrates ability to measure the dimension of a trench		
<input type="checkbox"/> Identifies equipment used to shore a trench wall		
<input type="checkbox"/> Assembles equipment used to shore a trench wall		
<input type="checkbox"/> Demonstrates ability to accurately place trench panels		
<input type="checkbox"/> Demonstrates the ability to accurately place shoring		
<input type="checkbox"/> Demonstrates safe entry into a trench to perform work		
<input type="checkbox"/> Properly secures trench shoring		
<input type="checkbox"/> Identifies equipment used in a whale system		
<input type="checkbox"/> Demonstrates ability to install a whale system		
<input type="checkbox"/> Demonstrates knowledge of OSHA guidelines for trench operations		

<input type="checkbox"/> Demonstrates ability to feather, shoot and release a shore		
Release a victim from soil entrapment by components of a nonintersecting collapsed trench	<b>8.1.5</b>	
Remove a disentangled victim from a trench	<b>8.1.6</b>	
<input type="checkbox"/> Determines the need for proper patient packaging		
<input type="checkbox"/> Properly packages patient for removal from the trench		
Disassemble support systems at a trench emergency	<b>8.1.7</b>	
Support an intersecting trench as a member of a rescue team	<b>8.2.1</b>	
<input type="checkbox"/> Identifies critical areas of an intersecting trench		
<input type="checkbox"/> Identifies equipment needed to prep the trench for work		
<input type="checkbox"/> Demonstrates the use of ground pads		
<input type="checkbox"/> Identifies safety concerns within the hot zone		
<input type="checkbox"/> Demonstrates ability to measure the dimension of a trench		
<input type="checkbox"/> Identifies equipment used to shore a trench wall		
<input type="checkbox"/> Assembles equipment used to shore a trench wall		
<input type="checkbox"/> Demonstrates ability to accurately place trench panels		
<input type="checkbox"/> Demonstrates the ability to accurately place shoring		
<input type="checkbox"/> Demonstrates safe entry into a trench to perform work		
<input type="checkbox"/> Properly secures trench shoring		
<input type="checkbox"/> Identifies equipment used in a whale system		
<input type="checkbox"/> Demonstrates ability to install a whale system		
<input type="checkbox"/> Demonstrates knowledge of OSHA guidelines for trench operations		
<input type="checkbox"/> Demonstrates ability to feather, shoot and release a shore		
<input type="checkbox"/> Demonstrates ability to shore a “T” Trench		
<input type="checkbox"/> Demonstrates ability to shore a “L” Trench		
Install supplemental sheeting and shoring	<b>8.2.2</b>	
<input type="checkbox"/> Demonstrates placement of supplemental shoring system		
<input type="checkbox"/> Demonstrates how to secure supplemental shoring system		
Construct load stabilization systems	<b>8.2.3</b>	

<input type="checkbox"/> Identifies equipment used to stabilize loads		
<input type="checkbox"/> Demonstrates ability to calculate a load weight of a given object		
<input type="checkbox"/> Demonstrates ability to place a load stabilization system in place		
Lift and stabilize a load within a trench to access a victim	<b>8.2.4</b>	
<input type="checkbox"/> Identifies equipment available to lift a given load		
<input type="checkbox"/> Assembles equipment needed to safely lift a given load		
<input type="checkbox"/> Demonstrates the ability to calculate the weight of a load		
<input type="checkbox"/> Constructs a system within the WLL to lift a load		
<input type="checkbox"/> Demonstrates the ability to safely lift and stabilize a given load in order to free a patient		
Coordinate the use of heavy equipment at a trench site	<b>8.2.5</b>	
Release a victim from entrapment by non-soil components in a trench	<b>8.2.6</b>	
<input type="checkbox"/> Properly packages and removes a victim from the trench		

**Comments:** \_\_\_\_\_

**Overall Rating:**    **Exceptional**      **Satisfactory**      **Below Average (requires documentation)**

Member Signature: \_\_\_\_\_

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

Evaluator Signature: \_\_\_\_\_

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

Team Leader Signature: \_\_\_\_\_

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

# **SECTION 5:**

# **STRUCTURAL COLLAPSE**

## **NFPA 1006**

## **CHAPTER 9**

**MABAS 3701**

### **Technical Rescue Team Certification**

#### **Structural Collapse Rescue**

Name \_\_\_\_\_ Department \_\_\_\_\_

KNOWLEDGE, TASK, SKILL COMPETENCY	1006 JPR#	EVALUATOR: Initial & date upon completion of task
<i><b>Incident Management, Planning &amp; Scene Size UP:</b></i>		
Conduct a size-up of a collapsed light frame structure	<b>9.1.1</b>	
Determine potential victim locations in a light frame construction collapse	<b>9.1.2</b>	
Develop a collapse rescue incident action plan, given size-up information and a collapsed light frame structure	<b>9.1.3</b>	
Implement a collapse rescue incident action plan, given an action plan and a collapsed light frame structure	<b>9.1.4</b>	
<i><b>Incident Objectives, Skills &amp; Tasks</b></i>		
Search a light frame collapsed structure	<b>9.1.5</b>	
<input type="checkbox"/> Demonstrates ability to perform structural triage		
<input type="checkbox"/> Demonstrates ability to perform search markings		
Stabilize a collapsed light frame structure as a member of a team	<b>9.1.6</b>	
<input type="checkbox"/> Demonstrates ability to interpret shoring plan		
Implement collapse rescue support operations	<b>9.1.7</b>	
Release a victim from entrapment by components of a light frame collapsed structure	<b>9.1.8</b>	
Remove a victim from a light frame collapse incident	<b>9.1.9</b>	
<input type="checkbox"/> Shows proficiency in proper patient packaging		

Lift a heavy load as a team member	<b>9.1.10</b>	
<input type="checkbox"/> Performs load weight estimation on given loads		
<input type="checkbox"/> Describes class 1, 2 & 3 lever concepts		
<input type="checkbox"/> Uses levers to safely lift / raise a load		
<input type="checkbox"/> Assembles equipment for a high-pressure airbag lift		
<input type="checkbox"/> Performs a high-pressure airbag lift		
<input type="checkbox"/> Performs a high-pressure airbag lift with multiple bags		
<input type="checkbox"/> Construct and operate a gantry system to lift / move a load		
Move a heavy load as a team member	<b>9.1.11</b>	
<input type="checkbox"/> Identifies types of sling attachments		

<input type="checkbox"/> Identifies types of slings i.e., synthetic, chain, wire rope		
<input type="checkbox"/> Assembles proper equipment for a rigging system		
<input type="checkbox"/> Move / Lift or manipulate a load vertically		
<input type="checkbox"/> Move / Lift or manipulate a load horizontally		
<input type="checkbox"/> Describes WLL, Safety factor and breaking strength		
<input type="checkbox"/> Shows proficiency in winch operations		

Breach light frame structural components	<b>9.1.12</b>	
<input type="checkbox"/> Selects appropriate breaching tool for LW construction		
<input type="checkbox"/> Shows proficiency with breaching tools for LW construction		

Construct cribbing systems	<b>9.1.13</b>	
<input type="checkbox"/> Identifies cribbing capacities for 4x4 and 6x6 crib stacks		
<input type="checkbox"/> Constructs a crib stack capable of supporting a given load		
<input type="checkbox"/> Constructs a sloping crib stack to support a given load		
<input type="checkbox"/> Identifies cribbing limitations i.e., height limitations etc.		

Conduct a size-up of a collapsed heavy construction-type structure	<b>9.2.1</b>	
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Determine potential victim locations in a heavy construction type incident	<b>9.2.2</b>	
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Develop a collapse rescue incident action plan, given size-up information and a heavy collapsed structure	<b>9.2.3</b>	
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Implement a collapse rescue incident action plan, given an action plan and a heavy construction-type collapsed structure	<b>9.2.4</b>	
Search a heavy construction-type collapsed structure	<b>9.2.5</b>	
<input type="checkbox"/> Demonstrates void search techniques		
<input type="checkbox"/> Demonstrates use of search camera operations		
Stabilize a collapsed heavy construction-type structure as a member of a team	<b>9.2.6</b>	
<input type="checkbox"/> Demonstrates knowledge of basic shoring systems		
<input type="checkbox"/> Demonstrates knowledge of shoring capacities		
<input type="checkbox"/> Shows proficiency in constructing / assembling:		
1. Aluminum shoring systems – struts		
2. T Shore		
3. Double T Shore		
4. 2 Post Vertical Shore		
5. 3 Post Vertical Shore		
6. Laced Post Shore		
7. Raker Shoring		
8. Horizontal Shore		
9. Window / Door Shore		
10. Sloped Floor Shore		
11. Wall tie-back system		
Release a victim from entrapment by components of a heavy construction-type collapsed structure	<b>9.2.8</b>	
Remove a victim from a heavy construction-type collapse incident	<b>9.2.9</b>	
Breach heavy structural components	<b>9.2.12</b>	
<input type="checkbox"/> Identifies vertical vs. horizontal breach		
<input type="checkbox"/> Identifies clean vs. dirty breach		
<input type="checkbox"/> Demonstrates knowledge of various breaching equipment		
<input type="checkbox"/> Assembles breaching equipment		
<input type="checkbox"/> Demonstrates proficiency with the use of breaching equipment i.e., chippers, Stanley system, cutoff saws		

<input type="checkbox"/> Performs a clean horizontal breach		
<input type="checkbox"/> Performs a clean vertical breach		
<input type="checkbox"/> Performs a dirty horizontal breach		
<input type="checkbox"/> Performs a dirty vertical breach		
Cut through structural steel	<b>9.2.15</b>	
<input type="checkbox"/> Identifies metal cutting tools		
<input type="checkbox"/> Assembles tools and equipment for cutting metal		
<input type="checkbox"/> Assembles petrogenic cutting torch		
<input type="checkbox"/> Assembles plasma cutting torch		
<input type="checkbox"/> Demonstrates proficiency in using a petrogenic torch to cut:		
1. Flat steel / metal		
2. I Beam		
3. Round object / pipe		
Coordinate the use of heavy equipment	<b>9.2.16</b>	

**Comments:**

**Overall Rating:    Exceptional    Satisfactory    Below Average (requires documentation)**

Member Signature: \_\_\_\_\_

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

Evaluator Signature: \_\_\_\_\_

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

Team Leader Signature: \_\_\_\_\_

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