

# RESCUE TECHNICIAN: ROPE RESCUE II

## SKILL SHEET PACKAGE

Based on *NFPA 1006: Standard for Technical Rescue Professional Qualifications*, 2013 Edition.



Tennessee Commission on Fire Fighting

February 2017

# Certification Criteria

## RT: Rope Rescue I



### Pre-Requisites

- Candidate must have documented proof of one of the following:
- Documented proof of certification at Fire Fighter II by the TN Fire Commission or by IFSAC or Pro-Board and Rope Rescue I by IFSAC or Pro-Board and Hazardous Materials First Responder at the Awareness and Operational levels
- Candidate must have documented training in infection control, CPR, bleeding control, and shock management per NFPA 1001, Chapter 4.
- 18 years of age
- High School Diploma/GED
- Drivers License

### Certification Requirements

**To be issued certification as a RT: Rope Rescue II, the candidate will:**

- Show successful completion of the above pre-requisite requirements. This must be documented on file at the Tennessee Commission on Fire Fighting.
- Complete required training hours.
- Submit Instructional JPR Verification Sheet
- Written Examination**
  - Perform to a minimum 70% competency on a 50-question exam from NFPA 1006 CHAPTER 6.2 (50 multiple-choice & True & False) examination.
    - Retest after 14 days.
- Practical Examination**
  - Successfully complete a skills evaluation (2 skills sheets randomly selected by the TFFC) (working as a member of a team and/or completing individual skills), to a minimum of 70% competency and successful completion of all critical points.
    - One retest during the practical exam, if the candidate fails the second attempt they can retest in 14 days if a site and personnel are available.

# TENNESSEE FIRE COMMISSION

## Rescue Technician: Rope II

### Instructional JPR Verification Sheet

Full Name: \_\_\_\_\_ Fire Department: \_\_\_\_\_

**This Instructional JPR Verification Sheet is to be used in conjunction with the Tennessee Fire Commission Rescue Technician: Rope II Skill Sheets. These skills meet all the requirements of NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 2013 Edition, Chapter 6. Each of these skills should be taught and assessed during the course.**

Skill Sheet	Primary Task	JPR(s) Covered
RII-01	Complete an Assignment While Suspended From a Rope Rescue System	6.2.1
RII-02	Move a Victim in a High Angle Environment	6.2.2
RII-03	Function as a Litter Tender	6.2.3
RII-04	Direct a Team in the Removal of a Suspended Victim	6.2.4
RII-05	Direct a Team in the Construction of a Highline System	6.2.5
RII-06	Direct a Team in the Operation of a Highline System	6.2.6
RII-07	Access a Victim in a High Angle Environment	6.2.7
RII-08	Isolate and Manage Potentially Harmful Energy Sources	6.2.8
Course Location:		Course Dates:
Instructor Printed Name:		Instructor Signature:
Candidate Printed Name:		Candidate Signature:



# Complete an Assignment While Suspended from a Rope Rescue System

Reference Source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 2013 edition, 6.2.1

Rescue Technician: Rope II

## Skill Sheet – RT: RII - 01

The candidate, given a rope rescue system, a minimum working height of 20 feet, an assignment, life safety harnesses, litters, bridles, and specialized equipment necessary for the environment, shall attach a transfer device or a safety line to a load while suspended from a rope rescue system in a high-angle environment so that risks to victims and rescuers are minimized, the means of attachment to the rope rescue system is secure, selected specialized equipment facilitates efficient rescuer movement, and specialized equipment does not unduly increase risks to rescuers or victims.

**Expected time to complete skill(s) is 25 minutes**

Performance Steps	Test		Retest	
Safely performs the following steps:	P	F	P	F
1. Selects and uses proper personal protective equipment				
2. Ensures that the means of attachment to the rope rescue system is secure				
3. Ensures that specialized equipment facilitates efficient rescuer movement and doesn't increase risks to rescuer or victims				
<b>4. Attachment to the load is made—CRITICAL POINT</b>				
<b>Candidate must successfully perform 3/4 steps including ALL CRITICAL POINTS</b>	Score: __/3		Score: __/3	
<b>Evaluator Notes</b>				
Evaluator Print Name & Signature:		Date	Overall Skill Sheet Score	
			Pass___	Fail___
By my signature above, I verify that I am currently certified to the level I am testing (TN/PB/IFSAC)				
Re-Test Evaluator Print Name & Signature:		Overall Skill Sheet Re-Test Score		
		Pass___	Fail___	
By my signature above, I verify that I am currently certified to the level I am testing (TN/PB/IFSAC)				
Candidate Print Name & Signature:		Candidate: Print Name or Candidate #		
<b>Note to Evaluator(s):</b> By your signature above, you verify that you are qualified to serve as an TFFC Evaluator, have followed TFFC Skills Testing Policy, and have witnessed that the above candidate has tested the above skills in their entirety.				
<b>Note to Student:</b> Skill will end when you state or indicate to the evaluator that you have completed all the identified steps. Notify the evaluator at <b>ANY</b> time that you have a safety concern.				



# Move a Victim in a High-Angle Environment

Reference Source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 2013 edition, 6.2.2

Rescue Technician: Rope II

## Skill Sheet: RT: RII - 02

The candidate, given a rope rescue system, a minimum vertical travel distance of 20 feet, victim transfer devices and specialized equipment necessary for the environment, shall move a victim in a high-angle environment so that risks to victims and rescuers are minimized, undesirable victim movement within the transfer device is minimized, the means of attachment to the rope rescue system is maintained, the victim is removed from the hazard, selected specialized equipment facilitates efficient victim movement, and the victim can be transported to the local EMS provider.

**Expected time to complete skill(s) is 30 minutes**

Performance Steps		Test		Retest	
		P	F	P	F
<b>Safely performs the following steps:</b>					
1. Selects and uses proper personal protective equipment					
2. Attaches the transfer device to the rope rescue system					
3. Minimizes risks to victims and rescuers					
4. Minimizes undesirable victim movement within transfer device					
5. Ensures selected equipment facilitates efficient victim movement					
6. <b>Removes victim from hazard—CRITICAL POINT</b>					
<b>Candidate must successfully perform 5/6 steps including ALL CRITICAL POINTS</b>		Score: ___/6		Score: ___/6	
<b>Evaluator Notes</b>					
Evaluator Print Name & Signature:		Date	Overall Skill Sheet Score		
			Pass___	Fail___	
By my signature above, I verify that I am currently certified to the level I am testing (TN/PB/IFSAC)					
Re-Test Evaluator Print Name & Signature:		Overall Skill Sheet Re-Test Score			
		Pass___		Fail___	
By my signature above, I verify that I am currently certified to the level I am testing (TN/PB/IFSAC)					
Candidate Print Name & Signature:		Candidate: Print Name or Candidate #			
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# Function as a Litter Tender

Reference Source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 2013 edition, 6.2.3

Rescue Technician: Rope II

## Skill Sheet – RT: RII - 03

The candidate, given a rope rescue system, a minimum lower or haul distance of 20 feet, life safety harnesses, litters, bridles, and specialized equipment necessary for the environment, shall function as a litter tender in a high-angle lowering or hauling operation so that risks to victims and rescuers are minimized, the means of attachment to the rope rescue system is secure, and the terrain is negotiated while minimizing risks to equipment or persons.

**Expected time to complete skill(s) is 30 minutes**

Performance Steps	Test		Retest	
Safely performs the following steps:	P	F	P	F
1. Selects and uses appropriate personal protective equipment and applicable harness				
2. Ensures that the means of attachment to the rope rescue system is secure— <b>CRITICAL POINT</b>				
3. Evaluates surroundings for potential hazards and maneuvers appropriately				
4. Negotiates terrain and manages litter while minimizing risks to victims, rescuers, and equipment				
<b>Candidate must successfully perform 3/4 steps including ALL CRITICAL POINTS</b>	Score: __/4		Score: __/4	
<b>Evaluator Notes</b>				
Evaluator Print Name & Signature:		Date	Overall Skill Sheet Score	
			Pass___	Fail___
By my signature above, I verify that I am currently certified to the level I am testing (TN/PB/IFSAC)				
Re-Test Evaluator Print Name & Signature:		Overall Skill Sheet Re-Test Score		
		Pass___	Fail___	
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Candidate Print Name & Signature:		Candidate: Print Name or Candidate #		
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# Direct a Team in the Removal of a Suspended Victim

Reference Source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 2013 edition, 6.2.4

Rescue Technician: Rope II

## Skill Sheet – RT: RII - 04

The candidate, given a victim suspended by a harness attached to anchored rope or webbing, devices for removal of the Victim from the rope or webbing, and a means of removal of the victim to the ground or other safe area, shall direct a team in the removal of a victim suspended from rope or webbing in a high-angle environment, so that risks to victims and rescuers are minimized, injury to victim is minimized, the means of attachment to the rope rescue system is maintained, the victim is removed from the rope or webbing, and the victim is brought to a safe area for transfer to EMS.

**Expected time to complete skill(s) is 30 minutes**

Performance Steps		Test		Retest	
Safely performs the following steps:		P	F	P	F
1. Selects/constructs a system and equipment for rapid victim removal					
2. Determines the suspended victim's condition					
3. Minimizes risks/hazards and injury to victims and rescuers					
4. Maintains means of attachment to the rope rescue system— <b>CRITICAL POINT</b>					
5. Removes the victim from the rope or webbing					
6. Brings victim to safe area for transfer to EMS					
<b>Candidate must successfully perform 5/6 steps including ALL CRITICAL POINTS</b>		Score: ___/6		Score: ___/6	
<b>Evaluator Notes</b>					
Evaluator Print Name & Signature:		Date		Overall Skill Sheet Score	
				Pass___ Fail___	
By my signature above, I verify that I am currently certified to the level I am testing (TN/PB/IFSAC)					
Re-Test Evaluator Print Name & Signature:		Overall Skill Sheet Re-Test Score			
		Pass___ Fail___			
By my signature above, I verify that I am currently certified to the level I am testing (TN/PB/IFSAC)					
Candidate Print Name & Signature:		Candidate: Print Name or Candidate #			
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## Direct a Team in Construction of Highline System

Reference Source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 2013 edition, 6.2.5

Rescue Technician: Rope II

### Skill Sheet – RT: RII - 05

The candidate, given rescue personnel, life safety rope, rope rescue equipment, a minimum span of 6.1 m (20 ft) and suitable anchor system capable of supporting the load, shall direct a team in the construction of a highline system, so that personnel assignments are made and clearly communicated, the system constructed can accommodate the load, tension applied within the system will not exceed the rated capacity of any of its component parts, a system safety check is performed, movement on the system is efficient, and loads can be held in place or moved with minimal effort over the desired distance.

**Expected time to complete skill(s) is 30 minutes**

Performance Steps	Test		Retest	
	P	F	P	F
<b>Safely performs the following steps:</b>				
1. Evaluates incident site and needs related to construction and set-up				
2. Assigns and communicates personnel assignments				
3. Constructs a system that can accommodate the load				
4. Does not apply tension to the system which exceeds the rated capacity of any system component				
5. <b>Performs safety check of the system—CRITICAL POINT</b>				
6. Can hold loads in place or move them efficiently, with minimal effort				
<b>Candidate must successfully perform 5/6 steps including ALL CRITICAL POINTS</b>	Score: __/6		Score: __/6	
<b>Evaluator Notes</b>				
Evaluator Print Name & Signature:		Date	Overall Skill Sheet Score	
			Pass___	Fail___
By my signature above, I verify that I am currently certified to the level I am testing (TN/PB/IFSAC)				
Re-Test Evaluator Print Name & Signature:		Overall Skill Sheet Re-Test Score		
		Pass___	Fail___	
By my signature above, I verify that I am currently certified to the level I am testing (TN/PB/IFSAC)				
Candidate Print Name & Signature:		Candidate: Print Name or Candidate #		
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# Direct a Team in Operation of Highline System

Reference Source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 2013 edition, 6.2.6

Rescue Technician: Rope II

## Skill Sheet – RT: RII - 6

The candidate, given rescue personnel, an established highline system with a minimum span of 6.1 m (20 ft) a load to be moved, and personal protective equipment, shall direct a team in the operation of a highline system, so that the movement is controlled, the load is held in place when needed, operating methods do not stress the system to the point of failure, personnel assignments are made and tasks are communicated, and potential problems are identified, communicated, and managed.

**Expected time to complete skill(s) is 30 minutes**

Performance Steps	Test		Retest	
Safely performs the following steps:	P	F	P	F
1. Evaluates incident needs and assigns personnel				
2. Performs safety check and evaluates system components				
3. Makes and communicates personnel assignments and tasks				
4. Movement is controlled and load held in place when needed				
5. Operation methods do not stress the system to point of failure				
6. Identifies, communicates and manages potential problems				
<b>Candidate must successfully perform 5/6 steps including ALL CRITICAL POINTS</b>	Score: __/6		Score: __/6	
<b>Evaluator Notes</b>				
Evaluator Print Name & Signature:		Date	Overall Skill Sheet Score	
			Pass___	Fail___
By my signature above, I verify that I am currently certified to the level I am testing (TN/PB/IFSAC)				
Re-Test Evaluator Print Name & Signature:		Overall Skill Sheet Re-Test Score		
		Pass___      Fail___		
By my signature above, I verify that I am currently certified to the level I am testing (TN/PB/IFSAC)				
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# Access a Victim in a High-Angle Environment

Reference Source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 2013 edition, 6.2.7

Rescue Technician: Rope II

## Skill Sheet RT: RII - 07

The candidate, given a belay, belay system, or other mechanisms, shall climb up or down natural or manmade structures so that the risks from a fall are minimized or eliminated, the patient is accessed and the objective is achieved.

**Expected time to complete skill(s) is 25 minutes**

Performance Steps	Test		Retest	
	P	F	P	F
<b>Safely performs the following steps:</b>				
1. Identifies safety concerns				
2. Chooses proper belay system				
3. <b>Uses task specific personal protective equipment – CRITICAL POINT</b>				
4. Attaches system to the anchor and the load				
5. <b>Performs a safety check – CRITICAL POINT</b>				
6. System is capable of arresting a fall without failure				
7. The patient is accessed				
<b>Candidate must successfully perform 5/7 steps including ALL CRITICAL POINTS</b>	Score: __/7		Score: __/7	

**Evaluator Notes**

Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score	
		Pass____	Fail____
By my signature above, I verify that I am currently certified to the level I am testing (TN/PB/IFSAC)			
Re-Test Evaluator Print Name & Signature:		Overall Skill Sheet Re-Test Score	
		Pass____	Fail____
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# Isolate and Manage Potentially Harmful Energy Sources

Reference Source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 2013 edition, 6.2.8

Rescue Technician: Rope II

## Skill Sheet RT: RII - 08

The candidate, given personal protective equipment and energy sources found in erected structures to include power systems and construction materials, shall identify, isolate and manage all hazards, evaluate the beneficial system and minimize hazards to rescue personnel and victims.

**Expected time to complete skill(s) is 25 minutes**

Performance Steps		Test		Retest	
Safely performs the following steps:		P	F	P	F
1. Identifies potentially harmful energy sources					
2. Rescuer uses appropriate personal protective equipment					
3. Establishes the rescue area					
4. Controls access to the incident scene					
5. Controls energy sources inside rescue area – <b>CRITICAL POINT</b>					
6. Protects rescuers from exposure to hazardous materials and all forms of harmful energy releases, and physical hazards – <b>CRITICAL POINT</b>					
7. Ensures victims are protected from further harm					
<b>Candidate must successfully perform 5/7 steps including all CRITICAL POINTS</b>		Score: __/7		Score: __/7	
<b>Evaluator Notes</b>					
Evaluator Print Name & Signature:		Date	Overall Skill Sheet Score		
			Pass___	Fail___	
By my signature above, I verify that I am currently certified to the level I am testing (TN/PB/IFSAC)					
Re-Test Evaluator Print Name & Signature:		Overall Skill Sheet Re-Test Score			
		Pass___		Fail___	
By my signature above, I verify that I am currently certified to the level I am testing (TN/PB/IFSAC)					
Candidate Print Name & Signature:		Candidate: Print Name or Candidate #			
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