



# Rope Rescue Technician II National Certification

## Certification Preparation Guide

Referenced to:

NFPA 1006, Chapter 6, 2013 Edition

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NFPA 1006, Chapter 6, 2013 Edition

The Center for Construction Research and Training (CPWR)  
Radiofrequency (RF) Radiation Awareness Guide for the  
Construction Industry, May 2016

Steve Crandall (Crandall)  
Rescue: Rope-Based Rigging Concepts, 2017

OSHA 1910.147 (OSHA)  
The control of hazardous energy (lockout/tagout), May 2011

CMC Rescue Inc. (CMC6)  
Rope Rescue Manual, 6th Edition, 2021  
or  
CMC Rescue Inc. (CMC5)  
Rope Rescue Manual, 5th Edition, 2017

Copies of this document may be downloaded from: <https://kupce.ku.edu/kufire-firefighter-certification>

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Dear Certification Candidate,

Welcome to the National Firefighter Certification Program!

The Kansas Fire & Rescue Training Institute is accredited by the International Fire Service Accreditation Congress (IFSAC) and by the National Board on Fire Service Professional Qualifications (NBFSPQ - also known as “Pro Board”). These accreditation agencies establish rules and standards to follow in the administration, recordkeeping, and providing of National Certification for the fire service. Through this accreditation, Kansas Fire & Rescue Training Institute is authorized to issue accredited National Certifications to individuals meeting the requirements of selected national standards.

Kansas Fire & Rescue Training Institute’s role in the process is to maintain testing materials and a fair system of administering certification exams.

This National Certification Preparation Guide was specifically designed to help you prepare for the examination process ahead. This guide gives reading references for the written exam and the skills exam. By using this guide, you will be looking at the same pages the test writer was looking at when they wrote the test questions and developed the skills evaluation sheets.

Our Coordinators and Evaluators are here to observe your skills and knowledge – they will not help you pass the test.

Our staff and evaluators will treat you with respect and professionalism. Our goal is that you complete the testing process with satisfactory performance and earn your National Certification.

Good luck,

*KFRTI Staff*

## **National Certification**

National Certification is a professional credential that verifies your proficiency in the level to which you were/are certified. Kansas certifications do not expire. If you are moving to another state, you should contact the certification entity in that state to find out if your National Certification from Kansas is recognized in that state.

## **Certification Program Mission**

This mission of the National Certification Program is to maintain an accredited system for Kansas fire service members to earn National Fire Service Certification professional credentials.

## **Certification Program Values and Principles**

In the conduct of this program, the Kansas Fire & Rescue Training Institute uses the values listed below to guide our professional conduct; they form the foundations and parameters of this program.

- ✘ We hold in high regard honesty and integrity in ourselves and those we serve.
- ✘ Kindness and professionalism guide our instructors and our evaluators.
- ✘ We respect the fire and emergency service and those who serve in it.
- ✘ Transparency of our system, processes, and policies is paramount.
- ✘ The certification standards drive fair evaluation and testing.
- ✘ We value our role as the provider and protector of the national certification program's credibility.

## **Academic Integrity**

We hold staff (including part-time) and certification candidates to identical ethical standards. We expect professional behavior at all times. Any incident of academic misconduct by a candidate, will invalidate their test results, forfeit their certification fee, and may subject them to suspension from the certification process for one year.

Academic misconduct includes cheating, plagiarism, falsification of records, unauthorized possession of examinations, intimidation, and or other actions that may improperly affect the evaluation of a candidate or assisting others in any such act.

Our policy on academic misconduct is that of "zero tolerance."

*The University of Kansas prohibits discrimination. Specifically, the University of Kansas prohibits discrimination on the basis of race, color, ethnicity, religion, sex, national origin, age, ancestry, disability, status as a veteran, sexual orientation, marital status, parental status, gender identity, gender expression, and genetic information in the University's programs and activities. Retaliation is also prohibited by University policy.*

## How to Use the Certification Preparation Guide

This National Certification Preparation Guide is specifically designed to help you prepare for the examination process ahead. This guide provides reading references for the written exam and the skills exam.

We have included information in this guide that will help you achieve the professional credential that is Fire Service National Certification. There are a few key elements in preparing for the National Certification Exam. They are: 1) Take some time between the end of your course and the certification exam to focus on studying for the exam. 2) Use this Preparation Guide to help focus on the requirements of the National Standard and your study time.

### **STEP 1: Review the Administrative information in front of this Preparation Guide.**

- ✘ We have included some important information about the program and the steps of certification. Please take a few minutes and review these pages.

### **STEP 2: Review the Reading Reference Pages**

The Reading Reference pages are arranged by Job Performance Requirements (JPRs), which are determined by the correlating NFPA standard.

- ✘ Read and study the pages listed in the written exam reading pages.
- ✘ By reading these pages, you are reading the same pages the test developer was when they were writing test questions.

### **STEP 3: Review the Skill Evaluation Sheets in this Certification Guide.**

- ✘ Take note of the Instructions to the Candidate (grey boxes) on each Skill Sheet. These are the instructions that the evaluator will give to you in each station before you test.
- ✘ Skills sheet references take you back to the reference manual to explain the skill. You will be graded only on those items listed on the skill evaluation sheets. Use these in your practice and exam preparations.

### **STEP 4: Read & Review, Read & Review, Read & Review, and Practice, Practice, Practice!**

- ✘ Don't practice until you do it right; practice until you can't do it wrong!

### **STEP 5: Get a good night's rest before the exam.**

- ✘ You can be tired in any of three ways: Mentally, Physically, and Emotionally. If you are tired in any of these ways, it will make you tired in ALL of them.
- ✘ Save the party for after the exam...get a good night's rest....eat a good breakfast (if you test in the morning)...easy on the sugar and caffeine...and relax!

**GOOD LUCK!**

*Note:*

*If you are exploring National Certification and haven't taken a course specifically for the level of certification you are seeking, we STRONGLY suggest that you start the process by taking a course. Under certain circumstances, you may challenge some certification exams. Persons who take a course first do much better on the exam. Contact the Kansas Fire & Rescue Training Institute for more information.*

## National Certification Application & Processes

- Application:** Applications are required before testing. Visit the KFRTI web page (<https://kupce.ku.edu/kufire-firefighter-certification>) to download the application.
- Registration for Exams:** Pre-registration is required. Go to the KFRTI online registration point to register and pay certification fee. (<https://www.enrole.com/kupce/jsp/index.jsp?categoryId=10019>)
- Certification Fees:** Certification fees must be paid before the exam date. Individuals are required to pay fees online when registering for an exam. An organization may request to be billed, this billing process requires a Purchase Order from that organization stating each candidate's name. To arrange billing, call the KFRTI at 1-866-804-8841. Billing cannot be processed online.
- Number of Attempts:** Candidates are allowed two attempts per test per application, and all testing must be completed within one year of the first testing activity. Additional testing requires a new application and fee.
- Picture I.D. Required:** A government issued photo I.D. is required at the test site.
- Accommodations:** The Kansas Fire and Rescue Training Institute as part of the University of Kansas adheres to the requirements of the Americans with Disabilities Act. Certification candidates requesting accommodations must submit the request in writing two (2) weeks in advanced of testing. The request must include a copy of the diagnosis by a qualified professional. Upon receipt of an accommodations request, the Kansas Fire and Rescue Training Institute will review the request, and then notify the requestor of the proposed accommodations.

### What if I Fail the Exam?

Failure of any required component (not submitting a currently valid certification or licensure KBEMS number, less than 70% on the written exam or less than 100% of the skills exam) constitutes a failed attempt.

- a. Candidates may re-test on any component of the exam (written, or skills exams) and resubmit current and valid KBEMS medical credentials.
- b. Candidates must register to take a retest at another test site. No walk-in testing is allowed. To register for a retest, call the Institute at (toll free) 866-804-8841.
- c. Candidates are allowed two attempts at any portion of the exam. If a candidate fails any portion of the exam twice, a new application and fee is required for an additional two testing attempts.
- d. Any portion of the exam process successfully completed will remain valid for one calendar year from the date of their first testing action.
- e. The Institute strongly recommends that candidates study or seek additional training before attempting the exam for a third attempt.

### Time to Complete Certification

Candidates have one year from the date of their first testing action to complete their certification. Retaking the written test, retesting skills, submitting verification forms, and all other requirements must be completed within that year. Failure to complete the certification process within the one year period will invalidate all previous testing.

## **Kansas Fire & Rescue Training Institute's Certification Requirements for Rope Rescue Technician II**

### **Kansas Board of Emergency Medical Services Certification**

All candidates are required to have a current certification for Emergency Medical Responder, Emergency Medical Technician, Advanced Emergency Medical Technician, or Paramedic issued by the Kansas Board of Emergency Medical Services (KBEMS).

Certifications from other entities will be evaluated for reciprocity as per the KFRTI's Reciprocity policy. Those candidates without such certification can complete written and skills testing for NFPA 1006, Chapter 5 (Introduction to Technical Rescue). Qualification in NFPA 1006, Chapter 5 will be issued only after proof of the required medical credentials is provided and verified. Once Qualification is issued, candidates may proceed on with testing in other NFPA 1006 disciplines and levels.

### **Prerequisites**

All candidates are required to have successfully completed the written and skills testing for NFPA 1006, Chapter 5 (Introduction to Technical Rescue) and Chapter 6.1 (Rope Rescue Technician – Level I) before testing for NFPA 1006, Chapter 6.2 (Rope Rescue Technician – Level II) national certification.

Certifications from other entities will be evaluated for reciprocity as per the KFRTI's Reciprocity policy.

### **Rope Rescue Technician II - Certification Exam**

#### **Written Exam:**

- a. The Rope Rescue Technician – Level II Written Exam includes 50 multiple choice and true/false questions.
- b. Candidates are allowed one (1) hour to complete the exam.
- c. Answer sheets and pencils are provided. A "Bubble Sheet style" answer sheet that candidates fill in small circles to indicate the correct answer (a, b, c, d) is used.
- d. No cell phones, radios, or other electronic devices are allowed in the room while an exam is being administered (an exception for radios that allow "on-duty" personnel to receive alarms may be granted under special circumstances).
- e. A 70% minimum score is required to pass the written exam.

#### **Skills Exam:**

- a. The Skills Exam includes individual and team skills. Depending on the skill being tested, candidates may be tested individually, or as a member of a team.
- b. Teams of 4 to 6 candidates are formed for team based skills testing. Individual candidates may not pre-select crews or make up crews of their choosing. Teams are appointed by the Exam Coordinator at the test site.
- c. When testing as a member of a team, the evaluation will include both individual performance and performance as a member of the team.
- d. Skills Exams typically include 2 to 3 stations. Each station may include 1 to 3 skills. All Rope Rescue Technician II Skills Exams will include no fewer than five (5) skills total.
- e. Skills marked "Test Item Conducted by the Kansas Board of EMS" are waived with a current valid KBEMS licensure number.
- f. You will be given up to two attempts at each station. The two attempts per station make up your first overall attempt at the skills exam.
- g. Skills exams require 100% to pass in all stations.
- h. No same-day skills re-test allowed.

**Rope Rescue Technician II - Written Exam  
Study/Preparation Information and Materials**

- Rope Rescue II Written Exam:** 50 multiple choice and true/false questions.
- Time allowed to take the exam:** One (1) hour.
- Passing Score:** 70% (or higher)

**Reading Reference/Text**

The Rope Rescue Technician II written exam is referenced to four (4) documents. The CMC Rope Rescue Manual is referenced to both the 5<sup>th</sup> and 6<sup>th</sup> Editions. Only one of them is required.

(CMC6) - CMC Rescue Inc., *Rope Rescue Manual, 6th Edition, 2021*

(CMC5) - CMC Rescue Inc., *Rope Rescue Manual, 5th Edition, 2017*

(CPWR) - The Center for Construction Research and Training, *Radiofrequency (RF) Radiation Awareness Guide for the Construction Industry, May 2016*

(Crandall) - Steve Crandall, *Rescue: Rope-Based Rigging Concepts, 2017*

(OSHA) – OSHA, 1910.147 - *The Control of Hazardous Energy (lockout/tagout), May 2011*

Written Certification Exam is based on: *NFPA 1006 Standard for Technical Rescuer Professional Qualifications, 2013 Edition*

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**Written Exam Study Pages  
(Test questions are taken from these same pages)**

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Section Subject &

NFPA 1006, Rope Rescue

(Chapter 6) JPR Number

Reading/Study Pages

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6.2 Level II – General Requirements

Complete an assignment while suspended from a rope rescue system in a high-angle environment.

6.2.1

(CMC6) Pages: 46-56, 67-69, 72-80, 101-104, 134-139,  
168-173, 260-266, 268-273

(CMC5) Pages: 51-60, 65-68, 70-78, 97-100, 130-135,  
154-159, 242-248, 252-255

Manage the movement of a victim as a rescuer in a high-angle environment

6.2.2

(CMC6) Pages: 73-77, 254-258, 260-266

(CMC5) Pages: 71-75, 236-240, 242-248

Function as a litter tender in a high-angle lowering or hauling operation.

6.2.3

(CMC6) Pages: 120-124, 126-132, 134-139, 268-281

(CMC5) Pages: 116-120, 122-128, 130-135, 250-260

**Written Exam Study Pages**  
**(Test questions are taken from these same pages)**

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Section Subject &  
NFPA 1006, Rope Rescue  
(Chapter 6) JPR Number

Reading/Study Pages

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Direct a team in the removal of a victim suspended from rope or webbing in a high-angle environment.

6.2.4

(CMC6) Pages: 126-131, 150-155, 260-266

(CMC5) Pages: 122-127, 138-143, 242-248

Direct a team in the construction of a system intended to move a suspended rescue load along a horizontal path to avoid an obstacle.

6.2.5

(CMC6) Pages: 8-10, 84-95, 203-209, 284-289, 320-234,  
396-419

(CMC5) Pages: 8-10, 82-93, 188-193, 262-264, 289-291,  
362-380

(Crandall) Pages: 314-339, 342-347, 362-363

Direct a team in the operation of a rope system to move a suspended rescue load along a horizontal path.

6.2.6

(CMC6) Pages: 53-56, 67-68, 209-215, 292-298, 322-324

(CMC5) Pages: 56-59, 65-66, 193-200, 266-272, 290-291

(Crandall) Pages: 314-336, 340-361

Access a victim in a high-angle environment using techniques that require rescuers to climb up or down natural or manmade structures.

6.2.7

(CMC6) Pages: 53-56, 67-68, 209-215, 292-298, 322-324

(CMC5) Pages: 56-59, 65-66, 193-200, 266-272, 290-291

(NFPA 1983, 17ed) Pages: 66-73

Isolate and manage potentially harmful energy sources found in erected structures.

6.2.8

(CMC6) Pages: 13-14, 19-21, 396-419

(CMC5) Pages: 12-14, 19-21, 328-330

(Crandall) Pages: 314-336

(CPWR) Pages: 16-27, 39-45

(OSHA 1910.147) Pages: 1910.147 (a)(1)

**Rope Rescue Technician II Skills Exam  
Study/Preparation Information and Materials**

**Rope Rescue Technician II Skills Exam:**

The Skills Exam includes individual and team skills. Depending on the skill being tested, candidates may be tested individually, or as a member of a team.

Teams of 4 to 6 candidates are formed for the purpose of skills testing. Individual candidates may not pre-select crews or make up crews of their own choosing. Teams (for testing purposes) are appointed by the Exam Coordinator at the test site.

When testing a member of a team, evaluation includes both individual performance and performance as a member of the team.

Skills Exams typically include 3 to 4 stations. Each station may include multiple skills. All Rope Rescue Technician II skills exams will include no fewer than five (5) skills total.

**Time allowed to take exam:**

The overall exam is not timed; however, individual skills and/or stations may include a maximum/minimum time.

**Passing Score:**

Skills exams require 100% on all stations and skills. Up to two attempts will be given for each skill and/or station being tested. These two attempts make up your first attempt at the skills exam.

No cell phones, radios, or other electronic devices are allowed in the room while an exam is being administered (an exception for radios that allow “on-duty” personnel to receive alarms may be granted under special circumstances).

**Reading Reference/Text**

The Rope Rescue Technician II skills exam is referenced to:

*CMC Rescue Inc., Rope Rescue Manual, 6th Edition, 2021*

*CMC Rescue Inc., Rope Rescue Manual, 5th Edition, 2017*

(CPWR) - The Center for Construction Research and Training, Radiofrequency (RF) Radiation Awareness Guide for the Construction Industry, May 2016

(Crandall) - Steve Crandall, Rescue: Rope-Based Rigging Concepts, 2017

(OSHA) – OSHA, 1910.147 - The Control of Hazardous Energy (lockout/tagout), May 2011

Skills Certification Exam is based on:

*NFPA 1006 Standard for Technical Rescuer Professional Qualifications, 2013 Edition*

## Rope Rescue Technician: Level II Skill Evaluation Sheets

These Skills Evaluation Sheets are the exact grading sheets that evaluators use during the Skills Test. These sheets have been edited for the explicit use of grading skills and should not be used to learn the skills.

These Skill Evaluation Sheets have been included in this Preparation Guide for the purpose of guiding you as final preparations are made (and practice performed) for the Certification Exam.

Grading for the Skills Evaluation requires 100% of the steps listed on these sheets to be performed. You will be evaluated only on the steps of the skills that are listed on these evaluation sheets.



**Rope Rescue Technician Level II: Complete Assignment While Suspended  
From a Rope Rescue System in a High-Angle Environment**

**Item 6-9**

**Reference:** NFPA 1006, 2013 Edition, Chapter 6, Job Performance Requirement 6.2.1  
CMC Rescue, Rope Rescue Manual, Fifth Edition

**Evaluator Equipment Required:** Ropes, pulleys, carabiners, belay devices, webbing, and other auxiliary rope rescue equipment.

**Candidate Equipment Required:** Helmet, gloves, boots

**Evaluator's Instructions to Candidates**

At this station you will conduct a victim pick-off while suspended at a minimum height of 15 feet. You will select and use a harness and other personal protective equipment required for the task. You will evaluate the environment for potential hazards and negotiate the obstacles in the environment to reach the victim. You will transfer the victim from their systems to the rope rescue system, while minimizing the risk to rescuers and victim. The skill will end when you indicate to the evaluator that you have completed all identified steps.

This is NOT a timed event, but must be successfully completed in a time consistent with fire ground operations.  
To pass this station you must successfully complete 100% of the steps.

**Evaluated Skill Items**

	1st Attempt		2nd Attempt	
	Pass	Fail	Pass	Fail
1. Select and use rescuer harness and personal protective equipment for common environments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Evaluate surroundings for potential hazards.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Maneuver around existing environment and system-specific obstacles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Perform work while suspended from rope rescue system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a. Victim connected to rescue systems				
b. Victim disconnected from original systems				
5. Minimize risk to rescuers and victims	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Candidate's name:** \_\_\_\_\_

**Station:** Pass  Fail

Notes (please include comments/explanation for failure):

**Evaluator's Signature:** \_\_\_\_\_

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



**Rope Rescue Technician Level II: Manage the Movement of a Victim in High Angle Environment**

**Item 6-10**

**Reference:** NFPA 1006, 2013 Edition, Chapter 6, Job Performance Requirement 6.2.2  
CMC Rescue, Rope Rescue Manual, Fifth Edition

**Evaluator Equipment Required:** Ropes, pulleys, carabiners, belay devices, webbing, and other auxiliary rope rescue equipment.

**Candidate Equipment Required:** Personal Protective Equipment appropriate for the environment

**Evaluator's Instructions to Candidates**

At this station you will be asked to move a victim in a high angle environment, a minimum vertical travel distance of 15 feet. You will select the patient transfer device and appropriate personal protective equipment. You will transfer the victim from their systems to the rope rescue system, while minimizing the risk to rescuers and victim, and select specialized equipment to facilitate the removal of the victim from the hazardous environment. The skill will end once the victim can be transferred to the EMS provider (evaluator).

This is NOT a timed event, but must be successfully completed in a time consistent with fire ground operations. To pass this station you must successfully complete 100% of the steps.

**Evaluated Skill Items**

	1st Attempt		2nd Attempt	
	Pass	Fail	Pass	Fail
1. Minimize risks to the victim and rescuer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Minimize undesirable victim movement within the transfer device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Maintain the means of attachment to the rope system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Remove the victim from the hazard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Select specialized equipment that facilitates efficient victim movement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Transfer the victim to the local EMS provider.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Candidate's name:** \_\_\_\_\_

**Station:** Pass  Fail

Notes (please include comments/explanation for failure):

**Evaluator's Signature:** \_\_\_\_\_

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



# Rope Rescue Technician Level II: Function as a Litter Tender in a High-Angle Environment

Item 6-11

**Reference:** NFPA 1006, 2013 Edition, Chapter 6, Job Performance Requirement 6.2.3  
CMC Rescue, Rope Rescue Manual, Fifth Edition

**Evaluator Equipment Required:** Ropes, pulleys, carabiners, belay devices, webbing, and other auxiliary rope rescue equipment.

**Candidate Equipment Required:** Helmet, gloves, boots

### Evaluator's Instructions to Candidates

At this station you will function as a litter tender in a high angle lowering or hauling operation. You will select and use the appropriate rescue equipment and personal protective equipment. The risk to rescuers and victim must be minimized and the surroundings evaluated for potential hazards during the evolution. You will secure yourself to the rescue system. You will be directed to demonstrate the ability to negotiate a litter through different types of terrain.

This is NOT a timed event, but must be successfully completed in a time consistent with fire ground operations.  
To pass this station you must successfully complete 100% of the steps.

### Evaluated Skill Items

	1st Attempt		2nd Attempt	
	Pass	Fail	Pass	Fail
1. Select and use rescuer harness and personal protective equipment for common environments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Minimize risks to the victim and rescuer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Evaluate surroundings for potential hazards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Secure the means of attachment to the rope rescue system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Demonstrate the ability to negotiate a litter over terrain, while minimizing risks to equipment or persons				
a. Slope of 80 degrees (lower tender position)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Overhanging lip (upper tender position)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Constricted opening (vertical litter position and return to horizontal)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Victim vomiting (litter tilted 90° on long axis)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Candidate's name:** \_\_\_\_\_

**Station:** Pass  Fail

Notes (please include comments/explanation for failure):

**Evaluator's Signature:** \_\_\_\_\_

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



Reference: NFPA 1006, 2013 Edition, Chapter 6, Job Performance Requirement 6.2.4
CMC Rescue, Rope Rescue Manual, Fifth Edition

Evaluator Equipment Required: Ropes, pulleys, carabiners, belay devices, webbing, and other auxiliary rope rescue equipment.

Candidate Equipment Required: Helmet, gloves, boots

Evaluator's Instructions to Candidates

At this station you will direct a team in the removal of a victim suspended in a high angle environment at a minimum of 15 feet. You will direct the construction of a rope rescue system and manage its operation. Based on the victim's condition, you will determine what, if any, specialized equipment is required. Further injury to the victim and hazards for the rescuers and victim must be minimized. The skill will end once the victim and rescuer reach the ground.

This is NOT a timed event, but must be successfully completed in a time consistent with fire ground operations.

To pass this station you must successfully complete 100% of the steps.

Evaluated Skill Items

Table with 5 rows of skill items and 4 columns for 1st and 2nd attempt Pass/Fail results.

Candidate's name: \_\_\_\_\_
Notes (please include comments/explanation for failure):

Station: Pass [ ] Fail [ ]

Evaluator's Signature:

Date:



Reference: NFPA 1006, 2013 Edition, Chapter 6, Job Performance Requirement 6.2.5
CMC Rescue, Rope Rescue Manual, Fifth Edition

Evaluator Equipment Required: Ropes, pulleys, carabiners, belay devices, webbing, and other auxiliary rope rescue equipment.

Candidate Equipment Required: Helmet, gloves, boots

Evaluator's Instructions to Candidates

In this station you will be asked to direct a team in a portion of constructing a high line system. You will be given rescue personnel, life safety rope, rope rescue equipment, a minimum span of 20 feet, and a suitable anchor system capable of supporting the load. You will be evaluated by making sure 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.

This is NOT a timed event, but must be successfully completed in a time consistent with fire ground operations. To pass this station you must successfully complete 100% of the steps.

Evaluated Skill Items

Table with 8 rows of skill items and 4 columns for 1st and 2nd attempt Pass/Fail results.

Candidate's name: \_\_\_\_\_

Station: Pass [ ] Fail [ ]

Notes (please include comments/explanation for failure):

Evaluator's Signature: \_\_\_\_\_

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



Reference: NFPA 1006, 2013 Edition, Chapter 6, Job Performance Requirement 6.2.6  
CMC Rescue, Rope Rescue Manual, Fifth Edition

Evaluator Equipment Required: Ropes, pulleys, carabiners, belay devices, webbing, and other auxiliary rope rescue equipment.

Candidate Equipment Required: Helmet, gloves, boots

Evaluator's Instructions to Candidates

In this station you will be asked to direct a team in a portion of operating a highline system. You will be given rescue personnel, an established highline system with a minimum span of 20 feet, a load to be moved, and personal protective equipment. You will be evaluated by making sure 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.

This is NOT a timed event, but must be successfully completed in a time consistent with fire ground operations. To pass this station you must successfully complete 100% of the steps.

Evaluated Skill Items

	1st Attempt		2nd Attempt	
	Pass	Fail	Pass	Fail
1. The movement is controlled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. The load is held in place when needed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Operating methods do not stress the system to the point of failure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Personnel assignments are made and tasks are communicated	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Potential problems are identified, communicated and managed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Demonstrated he ability to determine incident needs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Completed a system safety check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Selected personnel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Candidate's name: \_\_\_\_\_

Station: Pass

Fail

Notes (please include comments/explanation for failure):

Evaluator's Signature: \_\_\_\_\_

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



**Rope Rescue Technician Level II: Access a Victim in a High-Angle Environment Using Techniques that Require Climbing Up or Down**

Item 6-15

**Reference:** NFPA 1006, 2013 Edition, Chapter 6, Job Performance Requirement 6.2.7  
 CMC Rescue, Rope Rescue Manual, Fifth Edition  
 S. Crandall, Rescue Rope-Based Rigging Concepts

**Evaluator Equipment Required:** Ropes, pulleys, carabiners, belay devices, webbing, bypass lanyard, dynamic rope, and other auxiliary rope rescue equipment.

**Candidate Equipment Required:** Helmet, gloves, boots

**Evaluator's Instructions to Candidates**

At this station, you will access a victim in a high-angle environment using techniques that require you to climb up and down natural or manmade structures. You will select and use equipment to minimize fall potential and fall factors. You will climb up a minimum distance of 15 feet, to the victim, while using techniques that minimize fall potential and fall factors. Once you reach the victim location you will be directed to down climb the structure, or rappel to the ground, using techniques that minimize fall potential and fall factors. Any unsafe acts will result in an automatic failure of this station.

This is NOT a timed event, but must be successfully completed in a time consistent with fire ground operations. To pass this station you must successfully complete 100% of the steps.

**Evaluated Skill Items**

	1st Attempt		2nd Attempt	
	Pass	Fail	Pass	Fail
1. Select and use tools that minimize fall potential & fall factors.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Select and use techniques that minimize fall potential & fall factors.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. No unsafe acts were committed while climbing up or down.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Candidate's name:** \_\_\_\_\_

**Station:** Pass  Fail

Notes (please include comments/explanation for failure):

**Evaluator's Signature:** \_\_\_\_\_

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



**Rope Rescue Technician Level II: Isolate and Manage Potentially Harmful Energy Sources Found in Erected Structures, Including Power Systems and Construction Materials** Item 6-16

**Reference:** NFPA 1006, 2013 Edition, Chapter 6, Job Performance Requirement 6.2.8

S. Crandall, Rescue Rope-Based Rigging Concepts

CPWR, Radiofrequency (RF) Radiation Awareness Guide for the Construction Industry

**Evaluator Equipment Required:** Ropes, pulleys, carabiners, belay devices, webbing, and other auxiliary rope rescue equipment.

**Candidate Equipment Required:** Helmet, gloves, boots

**Evaluator's Instructions to Candidates**

At this station, you will identify, manage, and isolate potentially harmful energy sources encountered in the scenario that I will provide to you. Additionally, you will identify and manage potentially beneficial systems used in elevated situations if one exists. You must maintain safety at all times and you must not commit any unsafe acts. You must minimize any potential hazards to yourself and to the victim.

This is NOT a timed event, but must be successfully completed in a time consistent with fire ground operations. To pass this station you must successfully complete 100% of the steps.

**Evaluated Skill Items**

	1st Attempt		2nd Attempt	
	Pass	Fail	Pass	Fail
1. Select and use task and incident specific PPE.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Identify hazards.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Operate beneficial systems in support of tactical objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Operate tools and devices for securing and disabling hazards.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Candidate's name:** \_\_\_\_\_

**Station:** Pass  Fail

Notes (please include comments/explanation for failure):

**Evaluator's Signature:** \_\_\_\_\_

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