



# Rope Rescue Technician National Certification

## Certification Preparation Guide

Referenced to:

NFPA 1006, Chapter 5, 2021 Edition

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NFPA 1006, Chapters 5, 2021 Edition

Kansas Fire & Rescue Training Institute (KFRTI)  
Rope Rescue Operations Student Manual, 2023

CMC Rescue Inc. (CMC)  
Rope Rescue Technician Manual, 6th Edition, 2021

Occupational Safety and Health Administration (OSHA)  
Suspension Trauma / Orthostatic Intolerance, 2011

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

Copies of this document may be downloaded from [https://jayhawkglobal.ku.edu/kufire-firefighter-certification#study\\_guides](https://jayhawkglobal.ku.edu/kufire-firefighter-certification#study_guides)

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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 (NBFPSPQ - 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, the 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 is designed to help you prepare for the examination process. This guide gives reading references for the written exam and the skills exam. By using this guide, you will look at the same pages the test writer looked 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.

## **Certification Program Mission**

The 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 based on 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 designed to help you prepare for the examination process. This guide provides reading references for the written exam and the skills exam.

We have included information in this guide to help you achieve the professional Fire Service National Certification credential. There are a few critical 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 refer you 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 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

<b>Application:</b>	Applications are required before testing. Visit the KFRTI web page ( <a href="https://kupce.ku.edu/kufire-firefighter-certification">https://kupce.ku.edu/kufire-firefighter-certification</a> ) to download the application.
<b>Registration for Exams:</b>	Pre-registration is required. Go to the KFRTI online registration point to register and pay the certification fee. ( <a href="https://www.enrole.com/kupce/jsp/index.jsp?categoryId=10019">https://www.enrole.com/kupce/jsp/index.jsp?categoryId=10019</a> )
<b>Certification Fees:</b>	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.
<b>Number of Attempts:</b>	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.
<b>Picture I.D. Required:</b>	A government-issued photo I.D. is required at the test site.
<b>Accommodations:</b>	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 before 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 notify the requestor of the proposed accommodations.

### What if I Fail the Exam?

Failure of any required component (scoring less than 70% on the written exam, or less than 100% on the skills exam) constitutes a failed attempt.

- a. Candidates must register to take a retest at another test site. No walk-in testing is allowed. Call the Institute at (toll-free) 866-804-8841 to register for a retest.
- b. Candidates are allowed two (2) attempts at any portion of the exam. A new application and fee is required if a candidate fails any portion of the exam twice. The new application starts the certification process over, and all portions of testing will have to be retested.
- c. 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 within that year will invalidate all previous testing. The candidate must submit a new application, repay the testing fee, and resubmit all verification forms to retest for the written and skills tests before certification.

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

### **Prerequisites**

All candidates are required to have successfully completed the written and skills testing for NFPA 1006, Chapter 5.1 (Rope Rescue Awareness) and Chapter 5.2 (Rope Rescue Operations) before testing for NFPA 1006, Chapter 5.3 (Rope Rescue Technician) national certification. Certifications from other entities will be evaluated for reciprocity as per the KFRTI's Reciprocity policy.

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

#### **Written Exam:**

- a. The Rope Rescue Technician – 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 candidates are formed for the purpose of skills testing. Individual candidates may not pre-select or make up crews of their own choosing. The Exam Coordinator appoints teams (for testing purposes) at the test site.
- c. When testing as a team member, evaluation will include both individual performance and performance as a member of the team.
- d. Skills Exams typically include 3 to 4 stations. Each station may consist of multiple skills. All skill exams will include no fewer than Seven (7) skills in total.
- e. 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.
- a. Skills exams require 100% to pass in all stations.
- b. No same-day skills retesting is allowed.

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

**Written Exam:** 50 multiple-choice and true/false questions.

- **Rope Rescue Technician** 50 questions

**Time allowed to take exam:** One (1) hour

**Passing Score:** 70% (or higher)

Answer sheets and pencils are provided. "Bubble Sheet" answer sheets that candidates fill in small circles to indicate answer (a, b, c, d) as the correct answer are used.

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

**Reading Reference/Text**

The Rope Rescue Technician written exam is referenced to two (4) documents. The first document is the supplemental guide the Kansas Fire & Rescue Training Institute (KFRTI) produced.

*(KFRTI) - Kansas Fire & Rescue Training Institute Rope Rescue Operations Student Manual, 2023*

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

*(OSHA) Occupational Safety and Health Administration, Suspension Trauma / Orthostatic Intolerance, 2011*

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

The National Standard test is based on

*NFPA 1006 Standard for Technical Rescuer Professional Qualifications, 2021 Edition.*

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

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Section Subject	Reading/Study Pages
NFPA 1006, JPR Number	

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**5.3 Rope Rescue Technician – General Requirements**

Direct a team in the operation of a rope rescue system to remove a victim stranded on or clinging to a natural or manmade feature in a high-angle environment.

5.3.1 (CMC) Pages: 256 - 262, 411

Direct a team in the operation of a rope rescue system to remove a victim suspended from rope or webbing in a high angle environment.

5.3.2 (CMC) Pages: 260 -262, 462,  
(OSHA) Pages: 1-4



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

Section Subject NFPA 1006, JPR Number	Reading/Study Pages
While suspended from a rope rescue system, perform the transfer of a victim suspended from rope or webbing in a high-angle environment to a separate rope rescue lowering or mechanical advantage system 5.3.3	(CMC) Pages: 49-58, 72-77, 249, 254-263, (OSHA) Pages: 1-4
Perform the activities of a litter tender in a high angle lowering or raising operation 5.3.4	(CMC) Pages: 75-76, 127-137, 269-275 (Crandall) Pages: 205 - 210
Participate as a member of a team in the construction of a rope rescue system intended to move a suspended rescue load along a horizontal path to avoid an obstacle 5.3.5	(CMC) Pages: 158, 200-202, 288-297, 300-325, 396-410 (Crandell) Pages: 60-65, 300-305
Direct a team in the operation of a rope system to move a suspended rescue load along a horizontal path 5.3.6	(CMC) Pages: 170-175, 286-293, 405 (KFRTI) Pages: 36-40, (Crandell) Pages: 317-335
Climb and traverse natural features or man-made structures that require the use of climbing aids, positioning equipment, or fall protection systems to prevent the fall or unwanted movement of the rescuer. 5.3.7	(CMC) Pages: 229, 251, 399, 417,
Interact with a person at height who is in an emotional or psychological crisis 5.3.8	(CMC) Pages: 255-260
Ascend a fixed rope in a high-angle environment 5.3.9	(CMC) Pages: 58, 74, 238, 239, 270, 336, 371, 397,
Descend a fixed rope in a high-angle environment 5.3.10	(CMC) Pages: 49, 50, 135, 164, 165, 220-222, 371,
Demonstrate the ability to escape from a jammed or malfunctioning device during a fixed rope descent in a high angle environment 5.3.11	(CMC) Pages: 75, 164, 237-243

## ***Study/Preparation Information and Materials***

### ***Rope Rescue Technician 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 or make up crews of their own choosing. The Exam Coordinator appoints teams (for testing purposes) at the test site.

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

Skills Exams typically include 3 to 4 stations. Each station may consist of 1 to 5 skills. All Rope Rescue Skills Exams will include no fewer than Seven (7) skills in total.

**Time allowed to take exam:** The overall skill 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 would enable "on-duty" personnel to receive alarms may be granted under special circumstances).

### **Reading Reference/Text**

The Rope Rescue Technician skills exam is referenced to:

*(KFRTI) - Kansas Fire & Rescue Training Institute Rope Rescue Operations Student Manual, 2023*

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

*(OSHA) Occupational Safety and Health Administration, Suspension Trauma / Orthostatic Intolerance, 2011*

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

The National Standard test is based on:

*NFPA 1006 Standard for Technical Rescuer Professional Qualifications, 2021 Edition.*

## Rope Rescue Technician Skill Evaluation Sheets

These Skills Evaluation Sheets are the exact grading sheets that evaluators use during the Skills Test. These sheets have been edited to use grading skills explicitly 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 performing 100% of the steps listed on these sheets. You will not be evaluated on steps of the skills that are not listed on these evaluation sheets.

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# Rope Rescue Technician: Direct the operation to remove a unsecured victim on a natural or manmade feature

Item RT1

**Reference:** NFPA 1006, 2021 Edition, Chapter 5, Job Performance Requirement 5.3.1.

**Evaluator Equipment Required:** Incident scenario, Anchors, Rope, KFRTI Anchor Bag and KFRTI Rigging Bag, Rescue personnel, and Victim

**Candidate Equipment Required:** Personal Protective Equipment (Helmet and Gloves)

## Evaluator's Instructions to Candidates

At this station, you will direct a team in the rope rescue operation to remove a stranded victim in a high-angle environment. You will select, supervise the construction of, and manage the operation of the rescue systems to rapidly remove the victim from their hazardous situation and transfer them to a safe location. You will analyze the systems for efficiency and complete a system safety check prior to loading the systems. The environment will be assessed to minimize risks to rescuers and victims, and any specialized equipment selection shall be determined based on the victim's condition.

This process will end once you indicate you are finished, or the maximum **30-minute** time limit expires.

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

## Evaluation Matrix Sheet

	1st Attempt		2nd Attempt	
	Pass	Fail	Pass	Fail
1. Analyzes the scene and selects rope rescue systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Analyzes victim's condition and determines specialized equipment needs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Directs the construction of rope rescue systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Direct the operation to remove a stranded victim in a high-angle environment				
a. Identify personnel assignments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Use operational commands	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Identify any safety concerns	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Manage victim movement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Attachment to the rope rescue system is maintained once established	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Identify and minimize hazards for rescuers and victim	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Perform a system safety check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Meet allowed time ( <b>30-minutes</b> )	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

Station: Pass ☐ Fail ☐

Candidate name: \_\_\_\_\_

Candidate Signature: \_\_\_\_\_

Evaluator Name: \_\_\_\_\_

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

Notes (Please include comments/explanation for failure):



## Rope Rescue Technician: Direct the operation to remove a suspended victim

Item RT2

**Reference:** NFPA 1006, 2021 Edition, Chapter 5, Job Performance Requirement 5.3.2.

**Evaluator Equipment Required:** Incident scenario, Rope Rescue Systems, Rescue personnel, and Suspended Victim

**Candidate Equipment Required:** Personal Protective Equipment (Helmet and Gloves)

### Evaluator's Instructions to Candidates

At this station, you will direct a team in an operation to remove a suspended victim in a high-angle environment. You will select and supervise the construction and manage the operation of the rescue systems to rapidly remove the victim from their suspended position and transfer them to a safe location. You will analyze the systems for efficiency and complete a system safety check prior to loading the systems. The environment will be assessed to minimize risks to rescuers and victims, and any specialized equipment selection shall be determined based on the victim's condition.

This process will end once you indicate you are finished, or the maximum **30-minute** time limit expires.

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

### Evaluation Matrix Sheet

	1st Attempt		2nd Attempt	
	Pass	Fail	Pass	Fail
1. Analyzes the scene and selects rope rescue systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Analyzes victim's condition and determines specialized equipment needs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Directs the construction of rope rescue systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Direct the operation to remove a stranded victim in a high-angle environment				
a. Identify personnel assignments and Use operational commands	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Identify any mitigate safety concerns and Manage victim movement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Attachment to the rope rescue system is maintained once established	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Identify and minimize hazards for rescuers and victim	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Perform a system safety check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Meet allowed time ( <b>30-minutes</b> )	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

Station: Pass ☐ Fail ☐

Candidate name: \_\_\_\_\_

Candidate Signature: \_\_\_\_\_

Evaluator Name: \_\_\_\_\_

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

Notes (Please include comments/explanation for failure):



# Rope Rescue Technician: Perform a Transfer of a Suspended Victim

Item RT3

**Reference:** NFPA 1006, 2021 Edition, Chapter 5, Job Performance Requirement 5.3.3.

**Evaluator Equipment Required:** Incident scenario, Rope Rescue Systems, Rescue personnel, and Suspended Victim

**Candidate Equipment Required:** Personal Protective Equipment (Helmet and Gloves)

## Evaluator's Instructions to Candidates

At this station, you will transfer a suspended victim in a high-angle environment to a separate rope rescue system. You will evaluate the situation and then choose and implement an appropriate suspended victim transfer system. You will select and use appropriate PPE. You will minimize risks to victims and rescuers, and maintain at least two contact points to rope rescue systems at all times. You will assess the need for specialized equipment based on the incident and victim's condition. The victim's movements shall be controlled while being removed from their suspended position until safely transferred to an EMS crew. You will complete a system safety check prior to loading the systems.

This process will end once you indicate you are finished, or the maximum **30-minute** time limit expires.

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

## Evaluation Matrix Sheet

	1st Attempt		2nd Attempt	
	Pass	Fail	Pass	Fail
1. Select and use PPE appropriate to the conditions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Select a victim transfer system and specialized equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Perform a transfer of the victim from suspended position to a rope rescue system				
a. Identify and mitigate safety concerns	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Maintain two contact points for rescuer and victim	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Manage victim's movement and victim is not connected directly to rescuer's harness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Identify and minimize hazards for rescuers and victim	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Perform a system safety check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Meet allowed time ( <b>30-minutes</b> )	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

Station: Pass ☐ Fail ☐

Candidate name: \_\_\_\_\_

Candidate Signature: \_\_\_\_\_

Evaluator Name: \_\_\_\_\_

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

Notes (Please include comments/explanation for failure):



# Rope Rescue Technician: Operate as a Litter Tender in a High Angle Lowering and Litter Raising Operation

Item RT4

**Reference:** NFPA 1006, 2021 Edition, Chapter 5, Job Performance Requirement 5.3.4.

**Evaluator Equipment Required:** Rope Rescue Systems, Rescue personnel, Litter.

**Candidate Equipment Required:** Helmet and Gloves

## 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 process will end once you have completed all steps, or the maximum **15 minute** time limit expires.

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

## Evaluation Matrix Sheet

	1st Attempt		2nd Attempt	
	Pass	Fail	Pass	Fail
1. Select and use rescuer harness and personal protective equipment for environment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Risks to the victim and rescuer are minimized	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Surroundings are evaluated for potential hazards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. The means of attachment to the rope rescue system is secure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Perform a system safety check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Candidate will demonstrate the ability to negotiate a litter over terrain</b>				
<b>*The 15 minute time limits starts once in litter tending position and suspended</b>				
6. <b>State:</b> Demonstrate the tender position to best navigate a Slope of 80°	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. <b>State:</b> Demonstrate the tender position to best navigate an Overhanging Lip	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. <b>State:</b> Demonstrate the litter position to best navigate a Constricted opening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. <b>State:</b> Demonstrate the litter position to best care for a Victim vomiting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Meet allowed time ( <b>15 minutes</b> )	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

Station: Pass ☐ Fail ☐

Candidate name: \_\_\_\_\_

Candidate Signature: \_\_\_\_\_

Evaluator Name: \_\_\_\_\_

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

Notes (Please include comments/explanation for failure):

**RT4: Evaluation grading matrix**





# Rope Rescue Technician: Construct a Rope Rescue System to move a Suspended Load Along a Horizontal Path

Item RT5

**Reference:** NFPA 1006, 2021 Edition, Chapter 5, Job Performance Requirement 5.3.5.

**Evaluator Equipment Required:** KFRTI Anchor Bag, KFRTI Rigging Bag, KFRTI Advanced Rigging Bag, KFRTI Tower Bag, 6 Ropes, and 2 Multi-pods

**Candidate Equipment Required:** Personal Protective Equipment (Helmet and Gloves)

## Evaluator's Instructions to Candidates

At this station, as a team member, you will construct a rope rescue system intended to move a suspended rescue load along a horizontal path. First, you will evaluate the scene, identify the obstacles or voids to be negotiated, and select a method to construct a horizontal movement system that limits potential excessive forces to the system components while minimizing construction problems. In addition, personnel assignments shall be identified, and operational commands used to communicate effectively. Finally, you will identify and mitigate any safety concerns, analyze the system for efficiency, and perform a system safety check before loading the system.

This process will end once you indicate you are finished, or the maximum **60-minute** time limit expires.

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

## Evaluation Matrix Sheet

	1st Attempt		2nd Attempt	
	Pass	Fail	Pass	Fail
1. Evaluate the scene and select the horizontal movement rope rescue system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Identify the obstacles or voids to be negotiated to determine the travel path	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Construct a horizontal movement rope rescue system				
a. Identify personnel assignments and use operational commands effectively	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Identify and mitigate safety concerns	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Construction problems minimized	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Use methods to limit excessive forces	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Travel path negotiates obstacles and interference concerns	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Analyze system efficiency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Perform a system safety check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Meet allowed time ( <b>60-minutes</b> )	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

Station: Pass ☐ Fail ☐

Candidate name: \_\_\_\_\_

Candidate Signature: \_\_\_\_\_

Evaluator Name: \_\_\_\_\_

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

Notes (Please include comments/explanation for failure):



# Rope Rescue Technician: Direct a Team Operating a Rope System moving a Suspended Load Along a Horizontal Path

Item RT6

**Reference:** NFPA 1006, 2021 Edition, Chapter 5, Job Performance Requirement 5.3.5.

**Evaluator Equipment Required:** KFRTI Anchor Bag, KFRTI Rigging Bag, KFRTI Advanced Rigging Bag, KFRTI Tower Bag, 6 Ropes, and 2 Multi-pods

**Candidate Equipment Required:** Personal Protective Equipment (Helmet and Gloves)

## Evaluator's Instructions to Candidates

At this station, you will direct a team to construct and operate a rope rescue system intended to move a suspended rescue load along a horizontal path. You will evaluate the scene and select a horizontal movement system that meets the incident's needs to avoid interference concerns and negotiate obstacles. You will identify personnel assignments and use operational commands to communicate effectively and direct personnel. You will evaluate the system for areas of compromised integrity and mitigate any safety concerns. The system will have the ability to control the movement of the load and employ methods to limit potential excessive forces. Finally, you will analyze the system for efficiency and perform a system safety check before loading the system.

This process will end once you indicate you are finished, or the maximum **60-minute** time limit expires.

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

## Evaluation Matrix Sheet

	1st Attempt		2nd Attempt	
	Pass	Fail	Pass	Fail
1. Evaluate the scene and select the horizontal movement rope rescue system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Identify the obstacles or voids to be negotiated and determine the travel path	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Identify personnel assignments and use operational commands effectively	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Evaluate system components for compromised integrity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Identify and mitigate safety concerns and potential problems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Manage movement of the load	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Analyze system efficiency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Perform a system safety check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Meet allowed time ( <b>60-minutes</b> )	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

Station: Pass ☐ Fail ☐

Candidate name: \_\_\_\_\_

Candidate Signature: \_\_\_\_\_

Evaluator Name: \_\_\_\_\_

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

Notes (Please include comments/explanation for failure):



# Rope Rescue Technician: Climb and traverse natural features or man-made structures

Item RT7

**Reference:** NFPA 1006, 2021 Edition, Chapter 5, Job Performance Requirement 5.3.7.

**Evaluator Equipment Required:** Rope Rescue Systems, Rescue personnel, KFRTI Tower Bag.

**Candidate Equipment Required:** Personal Protective Equipment (Helmet and Gloves)

## Evaluator's Instructions to Candidates

At this station, you will demonstrate the ability to transverse a vertical or a near-vertical path using environment-provided surfaces or climbing aids for a minimum of 15 feet. You will select and use the appropriate PPE, positioning equipment, and fall protection systems to minimize the potential fall factor while moving to the designated location. You shall, at no time, be exposed to a fall factor greater than (0.5 or 2). Once the destination is reached, you shall complete the required procedures to prepare to perform additional task assignments.

This process will end once you indicate you are finished, or the maximum 30-minute time limit expires.

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

## Evaluation Matrix Sheet

	1st Attempt		2nd Attempt	
	Pass	Fail	Pass	Fail
1. Select and use PPE appropriate to the conditions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Identify equipment needs for climbing, positioning, and fall protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Select and use fall protection systems appropriate to the conditions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Demonstrate the ability to climb vertical or near-vertical paths				
a. minimize the potential fall factor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. fall factor of 0.5 not exceeded (static rope)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. fall factor of 2 not exceeded (dynamic rope)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Select and use positioning equipment appropriate to the conditions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Meet allowed time (30-minutes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

Station: Pass ☐ Fail ☐

Candidate name: \_\_\_\_\_

Candidate Signature: \_\_\_\_\_

Evaluator Name: \_\_\_\_\_

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

Notes (Please include comments/explanation for failure):



## Rope Rescue Technician: Interact with a person at height who is in an emotional or psychological crisis

Item RT8

**Reference:** NFPA 1006, 2021 Edition, Chapter 5, Job Performance Requirement 5.3.8.

**Evaluator Equipment Required:** Incident Scenario, Sample policies and procedures, and person in a crisis

**Candidate Equipment Required:** Personal Protective Equipment (Helmet and Gloves)

### Evaluator's Instructions to Candidates

At this station, you will remove a victim stranded in a high-angle environment. You will select PPE and specialized equipment required to rapidly remove the victim from their hazardous situation and transfer them to a safe location. You will assess the victim's situation and psychological state through observation and interview techniques while using communication and interaction techniques that follow de-escalation best practices. You will approach the victim, avoiding typical emotional triggers. You will secure the victim to the rope rescue systems and manage risk to the rescuer and victim during the incident.

This process will end once the victim is on the ground, or the maximum 30-minute time limit expires.

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

### Evaluation Matrix Sheet

	1st Attempt		2nd Attempt	
	Pass	Fail	Pass	Fail
1. Select and use PPE appropriate to the conditions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Select a victim transfer system and specialized equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Demonstrate a method of approach that minimizes risk to the rescuer from subject whose psychological or emotional state is unknown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Communicate and interact with subject in a manner that does not escalate the incident	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Use interview techniques to provide insight to the motives and state of mind of subject	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Conduct an operation to remove a stranded victim in a high-angle environment				
a. Identify and mitigate safety concerns	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Maintain two contact points for rescuer and victim	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Manage victim's movement and victim is not connected directly to rescuer's harness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Perform a system safety check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Meet allowed time (30-minutes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

Station: Pass ☐ Fail ☐

Candidate name: \_\_\_\_\_

Candidate Signature: \_\_\_\_\_

Evaluator Name: \_\_\_\_\_

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

Notes (Please include comments/explanation for failure):



## Rope Rescue Technician: Ascend a Fixed Rope

Item RT9

**Reference:** NFPA 1006, 2021 Edition, Chapter 5, Job Performance Requirement 5.3.9.

**Evaluator Equipment Required:** Fixed line system and belay, KFRTI Ascending Kit

**Candidate Equipment Required:** Personal Protective Equipment (Helmet and Gloves)

### Evaluator's Instructions to Candidates

At this station, you will ascend a fixed vertical rope in a high-angle environment. You will select all equipment and PPE required to complete this task based on the environmental conditions. You will rig the ascending system properly attach it to your harness and the fixed line. While ascending, you must always maintain two points of contact with the rope and complete the task securely and safely that will not allow you to fall. All hazards must be evaluated and obstacles negotiated. Any dropped equipment will constitute a failure. You will have 15 minutes to ascend, a minimum distance of 15 feet, and then convert to a descending system. Time will start once you have been safety checked and begin your ascent.

This process will end once you indicate you are finished, or the maximum **15-minute** time limit expires.

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

### Evaluation Matrix Sheet

	1st Attempt		2nd Attempt	
	Pass	Fail	Pass	Fail
1. Select appropriate harness and personal protective equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Select and rig a rope ascending system				
a. Attachment of ascending device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Attachment of harness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Evaluate environment for potential hazards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>*The 15-minute time limits starts once safety checked and ascending begins</b>				
4. Perform fixed rope ascending technique				
a. Identifies safety concerns	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Minimize stress to system and risk of injury	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Negotiates obstacles to reach objective	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Maintains two points of contact at all times	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. No dropped equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Convert ascending system to a descending system while suspended	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Meet allowed time ( <b>15-minutes</b> )	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

Station: Pass ☐ Fail ☐

Candidate name: \_\_\_\_\_

Candidate Signature: \_\_\_\_\_

Evaluator Name: \_\_\_\_\_

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

Notes (Please include comments/explanation for failure):



## Rope Rescue Technician: Descend a Fixed Rope

Item RT10

**Reference:** NFPA 1006, 2021 Edition, Chapter 5, Job Performance Requirement 5.3.10.

**Evaluator Equipment Required:** Fixed line system and belay, KFRTI Ascending Kit

**Candidate Equipment Required:** Personal Protective Equipment (Helmet and Gloves)

### Evaluator's Instructions to Candidates

At this station, you will descend a fixed vertical rope in a high-angle environment. You will select all equipment and PPE required to complete this task based on the environmental conditions. You will rig the descent system and properly attach it to your harness and the fixed line. All hazards must be evaluated and obstacles negotiated. While descending, you must maintain control of the descent rate. Any dropped equipment will constitute a failure. You will have 15 minutes to descend and reach the objective. Time will start once you secure yourself into the descent system and have been safety checked.

This process will end once you indicate you are finished, or the maximum 15-minute time limit expires.

### Evaluation Matrix Sheet

	1st Attempt		2nd Attempt	
	Pass	Fail	Pass	Fail
1. Select appropriate harness and personal protective equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Select and rig a rope descending system				
a. Attachment of descending device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Attachment of harness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Evaluate environment for potential hazards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>*The 15-minute time limit will start once safety checked</b>				
4. Perform fixed rope descending technique				
a. Identifies safety concerns	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Minimize stress to system and risk of injury	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Negotiates obstacles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. No dropped equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Meet allowed time (15-minutes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

Station: Pass ☐ Fail ☐

Candidate name: \_\_\_\_\_

Candidate Signature: \_\_\_\_\_

Evaluator Name: \_\_\_\_\_

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

Notes (Please include comments/explanation for failure):



## Rope Rescue Technician: Escape a Malfunctioning Device

Item RT11

**Reference:** NFPA 1006, 2021 Edition, Chapter 5, Job Performance Requirement 5.3.11.

**Evaluator Equipment Required:** Fixed line system and belay, KFRTI Ascending Kit

**Candidate Equipment Required:** Personal Protective Equipment (Helmet and Gloves)

### Evaluator's Instructions to Candidates

At this station, you will escape from a jammed or malfunctioning descent device while descending a fixed vertical rope in a high-angle environment. You will select all equipment and PPE required to complete this task. While descending, the evaluator will notify you that the descent control device has jammed or malfunctioned. You will have 10-minutes to escape the original descent device and then prepare to continue to descend or ascend to a safe area. You will evaluate all hazards and minimize risk. You must always maintain a point of contact with the main and belay and complete the escape in a safe manner. Any dropped equipment will constitute a failure.

This process will end once you indicate you are finished, or the maximum 15-minute time limit expires.

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

### Evaluation Matrix Sheet

	1st Attempt		2nd Attempt	
	Pass	Fail	Pass	Fail
1. Select appropriate harness and personal protective equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>The 10-minute time limit will start once notified of equipment failure</b>				
2. Evaluate environment for potential hazards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Select and implement an escape system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a. Attachment of descending device				
b. Attachment of harness				
4. Perform an escape from a device failure				
a. Escape was completed in a safe manner	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Minimize stress to system and risk of injury	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Maintains constant contact with main and belay	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. No dropped equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Maneuvers away from malfunctioning device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Meet allowed time (15-minutes)				

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

Station: Pass ☐ Fail ☐

Candidate name: \_\_\_\_\_

Candidate Signature: \_\_\_\_\_

Evaluator Name: \_\_\_\_\_

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

Notes (Please include comments/explanation for failure):