# North Dakota Firefighter's Association Certification System

# TECHNICAL RESCUE



# **CERTIFICATION STANDARD**

For the following specialties:

- ❖ Technical Rescuer (chapter 5)
- \* Rope Rescue Level I/II (chapter 6)
- ❖ Confined Space Rescuer Level I/II (chapter 7)
- ❖ Trench Rescue Rescuer Level I/II (chapter 8)
- Structural Collapse Rescuer Level I/II (chapter 9)

2013 Standard



# EVERYONE GOES HOME FIREFIGHTER LIFE SAFETY INITIATIVES

# 16 Firefighter Life Safety Initiatives

- 1. Define and advocate the need for a cultural change within the fire service relating to safety; incorporating leadership, management, supervision, accountability and personal responsibility.
- **2.** Enhance the personal and organizational accountability for health and safety throughout the fire service.
- **3.** Focus greater attention on the integration of risk management with incident management at all levels, including strategic, tactical, and planning responsibilities.
- **4.** All firefighters must be empowered to stop unsafe practices.
- **5.** Develop and implement national standards for training, qualifications, and certification (including regular recertification) that are equally applicable to all firefighters based on the duties they are expected to perform.
- **6.** Develop and implement national medical and physical fitness standards that are equally applicable to all firefighters, based on the duties they are expected to perform.
- 7. Create a national research agenda and data collection system that relates to the initiatives.
- **8.** Utilize available technology wherever it can produce higher levels of health and safety.
- **9.** Thoroughly investigate all firefighter fatalities, injuries, and near misses.
- **10.**Grant programs should support the implementation of safe practices and/or mandate safe practices as an eligibility requirement.
- **11.** National standards for emergency response policies and procedures should be developed and championed.
- 12. National protocols for response to violent incidents should be developed and championed.
- 13. Firefighters and their families must have access to counseling and psychological support.
- **14.**Public education must receive more resources and be championed as a critical fire and life safety program.
- **15.** Advocacy must be strengthened for the enforcement of codes and the installation of home fire sprinklers.
- **16.** Safety must be a primary consideration in the design of apparatus and equipment.



# EVERYONE GOES HOME FIREFIGHTER LIFE SAFETY INITIATIVES

# 16 Firefighter Life Safety Initiatives

The 16 initiatives, listed on the preceding page, address the 6 root causes of firefighter injuries, close calls, and Line of Duty Death.

- 1. Ineffective policies and procedures.
- 2. Ineffective decision making.
- 3. Lack of preparedness.
- 4. Ineffective leadership.
- 5. Lack of personal responsibility.
- 6. Extraordinary and unpredictable circumstances.

For more information on the

Courage to Be Safe .... So Everyone Goes Home program Contact NDFA

At: 701-222-2799

#### **NDFA Firefighters Certification Committee**

The NDFA Certification Committee is a 12-member committee, which consists of 9- members from the North Dakota fire service; the committee members function as liaison between the fire service and the North Dakota Firefighters Association Executive Board. Members of the committee are:

- NDFA 1st Vice President
- > State Fire Marshal
- (1) A member from the North Dakota Fire Chief's Association that will serve a 2-year term.
- (1) A member from the North Dakota Fire Prevention Association that will serve a 2-year term.
- (1) A member from the North Dakota Instructor Society that will serve a 2-year term.
- ➤ (4) Four NDFA members at large, one member elected from each of the 4 training regions: NW, SW, NE, and SE: (their terms will mirror the Trustee from their region).
- (1) A member of the Fargo Fire Department (Delegated Authority).
- ➤ The NDFA Training Director will serve as compliance officer and serve the Certification Committee as a non-voting member of the committee.

#### North Dakota Firefighter's Association

Please direct North Dakota Firefighter certification questions and comments to:

NDFA, Training Director Robert Knuth PO Box 6127 6909 Aurora Loop Bismarck, North Dakota 58506

PH: (701) 222-2799 CP: (701) 516-4457 FAX: (701) 222-2899

Please visit our Web site at: <a href="https://www.ndfa.net">www.ndfa.net</a>

#### TABLE OF CONTENTS

Introduction	6
Certification Requirements for Firefighter I	7
Entrance Requirements	7
Physical Fitness Requirements	7
Department Training	8
Written Objective	8
Manipulative Objectives	9
Department Training Officers	10
Department Training Records	10
Department In-House Comprehensive Examination	10
Certification Examinations	11
Written Examinations	11
Manipulative Skills "Spot" Examination	12
Operational Levels	13
Prerequisites for Certification	13
SECTION I – Chapter 5	
Technical Rescuer (JPRs)	14
Technical Rescuer (Training Records)	38
SECTION II – Chapter 6	40
Rope Rescuer Level I (JPRs)	40
Rope Rescuer Level II (JPRs)	49
Rope Rescuer Level I&II (Training Records)	58
SECTION III – Chapter 7	
Confined Space Rescuer Level I (JPRs)	60
Confined Space Rescuer Level II (JPRs)	66 70
Confined Space Rescuer Level I&II (Training Records)	70
SECTION IV – Chapter 8 Transh Passus Passus I (IPPs)	72
Trench Rescue Rescuer Level I (JPRs)	72
Trench Rescue Rescuer Level II (JPRs)  Tranch Rescue Rescuer Level IV II (Training Rescurts)	80
Trench Rescue Rescuer Level I&II (Training Records)	87
SECTION V – Chapter 9 Structural Collapse Rescuer Level I (JPRs)	89
Structural Collapse Rescuer Level II (JPRs)  Structural Collapse Rescuer Level II (JPRs)	103
Structural Collapse Rescuer Level I&II (Training Records)	120
Substituted Compact Research Level 18811 (Training Recolus)	120
Appendix A – IN-HOUSE PROCTOR INSTRUCTIONS	122
Appendix B – EXAMINATION REQUEST FORM	124
Appendix C – CANDIDATE ACKNOWLEDGEMENT FORM	127

#### **INTRODUCTION**

The world we live in is changing so fast, and the many phases of the fire service are becoming so technical and complex that fire service training must be utilized to its maximum potential. Any overlap, fragmentation, and lack of basic structure must be eliminated. Standardization is the natural complement and necessity.

The fire service in North Dakota, through a state certification program, can meet the needs of future growth and establish uniformity through certification. We will then have more effective and efficient utilization of resources so as to provide the best possible fire protection service for all the citizens throughout the state of North Dakota.

The following certification requirements are based on the objectives listed in the National Fire Protection Association (NFPA) 1006 standard for Technical Rescuer Professional Qualifications, 2013 Edition, Chapters 5, 6, 7, 8, & 9 as verified and adopted by the NDFA Certification Committee.

Through these national standards and certification, firefighters and fire departments have a tool to measure specific levels of skills, abilities and knowledge. The NDFA Firefighters Certification Committee believe by participating in this certification program, firefighters and fire departments will be better prepared to provide quality life safety and fire protection for their communities.

#### **CERTIFICATION REQUIREMENTS**

#### **Entrance Requirements:**

Certification as a Technical Rescuer is a unique process. Qualification is specific to a specialty area. For qualification, a rescuer shall receive and complete training on the job performance requirements in Chapter 5 and Chapter 6.1 (Rope Rescuer – Level I). This is the prerequisite for all job performance requirements listed in all offered specialty areas (chapters 6.2 through 9). Technical rescuers will be identified by their specialty area and level of qualification (i.e., Rope Rescuer — Level I, Confined Space Rescuer—Level II, etc.).

#### **Rescuers must:**

- a. Receive and complete a Department Training Record for the Technical specialty area.
- b. Pass an "In House" practical skills examination.
- c. Meet any other training requirements/prerequisites as defined by the Certification Committee.
- d. Pass both written and practical skills Certification examination administered by evaluators appointed by the Certification Committee.
- e. Request Technical Rescue Certification for the specialty area completed.

The NDFA acknowledges the importance of and need for entrance requirements as listed in the NFPA 1001, *Standard on Fire Fighter Professional Qualifications*. Many agencies and departments have existing policies, regulations, etc. already in place regarding these requirements. The handling of entrance requirements is a **LOCAL MATTER**, outside the authority and jurisdiction of the NDFA. The NDFA will not check, test, evaluate or determine how individual agencies meet these requirements. Some departments have found it necessary to waive any type of entrance requirements due to their own special needs. As a local decision, this is permitted. However, due to the amount of physical, mental and emotional stress inherent in this profession, the **NDFA strongly recommends** careful evaluation before altering or doing away with any existing entrance requirements.

#### **Physical Fitness Requirements:**

The requirements listed in NFPA 1001, Chapter 4 are:

- 1. Meet the minimum educational requirements established by the authority having jurisdiction.
- 2. Meet the medical requirements of NFPA 1582, Standard on Comprehensive Occupational Medical Program for Fire Departments.
- 3. Physical fitness requirements for entry-level personnel shall be developed and validated by the authority having jurisdiction. Physical fitness requirements shall be in compliance with applicable Equal Employment Opportunity regulations and other legal requirements.

#### **DEPARTMENT TRAINING**

The position of a Technical Rescuer is one that requires a high level of skill and knowledge. The training that is given to and received by the candidate should be of the highest quality and degree. All training received must meet the requirements of NFPA 1006 Chapter 5 and at least one specialty area (chapters 6-9, 2013 edition) and the skills as approved by the Certification Committee contained within the NDFA Standard. All training received must be documented and recorded in the Training Record. All testing for Technical Rescue will be conducted following the Policies and Procedures of the NDFA.

Training for Technical Rescue can be obtained by completing one of the following training courses or methods to qualify to take the state Certification examination.

- Technical Rescue course in one of the following Technical Specialty areas: Ropes, Confined Space, Trench, Structural Collapse. A Training Record as given in this standard must be completed for each person.
- Department Based Training Departments can create their own Technical Rescue course which meets the requirements as outlined in NFPA 1006 Chapter 5, plus the chapter containing the Technical Specialty areas contained in Chapter 6 -9, 2013 edition). A Training Record as given in this standard must be completed for each person involved in the department-based training.

The course material should be referenced to the following textbook to prepare the candidate to successfully pass the state certification examination.

#### **Written Objectives:**

The course material should be referenced to the following textbook(s) to prepare the candidate to successfully pass the State Certification examination.

Written objectives for Technical Rescue are covered in the following texts for each of the specialty areas:

#### Chapter 6, Rope Rescue:

> Jones & Bartlett, High Angle Rope Rescue Techniques, Levels I and II, 4th Ed.

#### **Chapter 7, Structural Collapse Rescue:**

- > FEMA National US & R Response System, Structural Collapse Technician; and
- > Jones and Bartlett, Brannigan's Building Construction for the Fire Service, 4th Edition
- > J&B Learning, Emergency Medical Responder, 5th Edition

#### **Chapter 8, Confined Space Rescue:**

- > CMC, Confined Space Entry and Rescue, Revised 2nd Ed; and
- > J&B Learning, Emergency Medical Responder, 5th Edition

#### **Chapter 9, Trench Rescue:**

> Jones & Bartlett, Trench Rescue Principles and Practice to NFPA 1006 and 1670, 3<sup>rd</sup> Edition

#### **Manipulative Objectives:**

There are numerous methods departments have used to help prepare their personnel for the written examination. Considering the elevated level of skill and knowledge that is required of a Rescue Technician, the Certification Committee recommends that the candidate participate in a comprehensive class and receive instruction on both manipulative skills and written requirements

Each participant <u>must</u> be trained and evaluated in the performance of <u>all</u>-manipulative skills as found in this certification standard.

Each of the manipulative skill objectives shall be completed swiftly, safely and with competence as defined below:

- Swiftly Each manipulative skill objective must be completed within the allotted time.
- Safely Each manipulative skill objective must be completed safely. Actions that could injure individual or damage equipment are unacceptable. Equipment should be checked prior to skill testing or training to see that it is safe and functional.
- Competence Each manipulative skill objective is performed in accordance with the North Dakota Standard. This includes performing the proper steps as outlined in the respective JPR skill sheet. Competence will be measured in accordance with the NDFA manipulative skill objectives.

#### **Department Training Officers:**

For departments to enroll in the certification process, it is necessary for the department to assign training officers. It is recommended the department assign <u>at least two</u> personnel as training officers to coordinate and provide certification training.

Department training officers should be State Certified at the level they are teaching. In addition, the NDFA strongly recommends training officers be state certified at the Instructor I level.

Department training officers will be responsible for certification training. Their primary responsibility will be to teach, evaluate, and "In-House" test department personnel on the manipulative skill and evolution requirements for each level of certification training.

Departments who do not have certified personnel to act as training officers for certification training should contact the NDFA-Training Director at (701) 222-2799 for assistance in setting up and monitoring certification training.

#### **Department Training Records:**

Each candidate shall have a training record on file with the department, which indicates whether he/she has trained on all manipulative skill objectives. This record shall be signed off or initialed by a department training officer. Training records must indicate the date, instructor, and total number of hours trained for each manipulative skill objective. Departments shall use the one provided at the end of the section correlating to the standard for which he/she is attempting.

#### **Department "In-House" Comprehensive Examination:**

At the completion of the department's manipulative skills training, the department is **required** to hold an "in-house" comprehensive examination for the level being trained. This is a comprehensive "In-House" test conducted by the department training officers or course instructors. This test is to ensure that skill mastery has been obtained from the beginning to the end of the training process, and to prepare participants for the state examination. Training officers may utilize other personnel to assist in administering the exam; however, all personnel assisting with the testing should be certified at the level they are "In-House" testing.

In-House testers shall follow the Tester Instruction sheet to provide for uniformity and fairness during the exam. It is recommended candidates be given two attempts at any skill. **If they fail on the second try, then they have failed the evaluation and are required to go through additional training by the department trainer**. No training, teaching, or coaching is allowed during the test. After the evaluation, using the test to teach and train is recommended.

If manipulative skill weaknesses are evident, the department shall conduct additional training and hold a new department "In-House" comprehensive examination. Only those candidates who successfully pass the department's skills and fire ground evolutions "In-House" test will be allowed to participate in the state certification exam. Department training records must show all candidates have successfully passed the "In-House" examination.

#### **CERTIFICATION EXAMINATIONS**

After completion of the training process, the Fire Chief/Head of Department can request testing for the department. Using the "Request Examination" form in Appendix B. The Fire Chief/Head of Department may request a written examination and manipulative test for certification. A testing fee *may* be charged at the time of certification. A separate application must be sent to the NDFA for each attempt. Request forms must reach the NDFA no later than **30 days prior** to the examination date. The entire examination process must be completed within **1 year** of the **first** written exam date.

#### **Written Examinations:**

The written examinations are randomly generated, **20-30 question per level**, tests covering the written objectives of the Technical Rescue standard of NFPA 1006 (2013 ed.) in Chapters 5, 6, 7, 8, & 9. A minimum score of **70%** is required to pass the certification exam. Candidates failing the first attempt of the written exam will be permitted to retest no sooner than **30 days** from the date of the last exam. Three attempts are given to pass the exam. If a participant fails the written examination three times, he/she has failed the certification process and must wait **1 year** from the date of the last failed exam before re-entering the testing process. Exam results are forwarded to the Chief/Administrator within **30 days** following the receipt of the completed Exam.

#### Manipulative Skills "Spot Check" Examination:

This is a two-step examination. A department record check and the manipulative skills "spot check" examination. A certification tester appointed by the NDFA Certification Advisory Committee conducts the examination.

Training records are checked. If records are inadequate, corrective action must be taken before proceeding to the next step. The records must meet minimum requirements and are checked for the following:

- Participant has been trained in each manipulative skill for the level being evaluated.
- A department training officer has signed off each manipulative skill.
- Each trainee has passed a department "in-house" manipulative skills examination.

The manipulative skill "spot check" examination is graded on a 100% pass/fail basis. The test is graded in the following three areas:

**Swiftly** - Each manipulative skill objective must be completed within the allotted time.

**Safely** - Each manipulative skill objective must be completed safely. Conduct that could injure an individual or damage equipment is unacceptable. Equipment should be checked prior to skill testing or training to see that it is safe and functional.

**Competence** - Each manipulative skill objective is performed in accordance with the Utah Standard. This includes performing the proper steps in sequence. Competence will be measured in accordance with the UFSCS manipulative skill objectives.

Participants are "spot checked" on three manipulative skills, or one scenario depending upon the level. The skills will be from NFPA 1006 (2013 ed.) Chapter 5 and the Technical Specialty areas in which the candidate has received training as contained in Chapter 6, 7, 8, or 9. No prior notification of which skill being tested will be given. Participants are given two attempts initially (if necessary) to perform each skill. If they fail on the second attempt, the applicants must wait 30 days before the third and final attempt. Participants taking third attempts will test on the skill they missed plus an additional skill from the section of the standard they failed during the previous two attempts. No training, teaching, or coaching is allowed during the state test.

Participants who have failed the third attempt of the written examination or the manipulative skills examination have failed the certification process and must wait 1 year from the date of the failed third attempt to re-enter state testing. The participant will begin testing with a new 1st attempt of the written examination.

When all requirements for certification have been met, applicants are eligible to be certified. The Chief/Administrator may apply to the North Dakota Firefighter's Association for certification for those participants who have successfully completed the certification training/testing process. Request for state certification will be submitted to the NDFA using the "Request for Certification" form provided in Appendix C. The names are then checked against the official state records to ensure that everyone listed has met all requirements and prerequisites.

#### **Operational Levels.**

The AHJ shall establish written standard operating procedures (SOPs) consistent with one of the following operational levels for each of the disciplines defined in this document:

- a. **Level I.** This level shall apply to individuals who identify hazards, use equipment, and apply limited techniques specified in this standard to perform technical rescue operations.
- b. **Level II.** This level shall apply to individuals who identify hazards, use equipment, and apply advanced techniques specified in this standard to perform technical rescue operations.

#### **TECHNICAL RESCUER CERTIFICATION PREREQUISITES:**

Standard	Edition	Level	Prerequisites
1006	2013	Rope Rescue Level I	Sections 5.2 through 5.5
		Rope Rescue Level II	Section 6.1
		Confined Space Level I	Sections 5.2 through 5.5
		Confined Space Level II	Section 7.1
		Trench Rescue Level I	Sections 5.2 through 5.5
		Trench Rescue Level II	Section 8.1
		Structural Collapse Level I	Sections 5.2 through 5.5
		Structural Collapse Level II	Section 9.1

# SECTION – I CHAPTER 5 – TECHNICAL RESCUER JOB PERFORMANCE REQUIREMENTS

## **IDENTIFY NEEDED SUPPORT RESOURCES**

NFPA 1006-2013 edition, Section 5.2.1

Reference:	High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition
Candidate Ed	quipment Required: Proper PPE, applicable reference material, and portable radio
Evaluator Eq	uipment Required: Proper PPE
resource cache managed, pers	vent, you will identify the needed support resources, given a specific type of rescue incident, so that a e is managed, scene lighting is provided for the tasks to be undertaken, environmental concerns are onnel rehabilitation is facilitated, and the support operation facilitates rescue operational objectives. med event. To pass this station, you must successfully complete 100% of the skill steps.
P-Pass / F-Fa	il and the second of the secon
	<ol> <li>Resource cache is managed and tracked</li> <li>Scene lighting is provided for the tasks to be undertaken</li> </ol>
Candidate's Na	me: Station: P F P F 1st Attempt P F
Evaluator's Sig	nature: 1st Attempt 2nd attempt  nature:

#### SIZE UP A RESCUE INCIDENT

JPR:	NFPA 1006-2013 edition, Section 5.2.2		
Reference:	ence: High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition		
Candidate E	Equipment Required: Proper PPE, applicable reference material, and portable radio		
Evaluator E	quipment Required: Proper PPE		
materials, so all victims is	event, you will size up a rescue incident, given background information and applicable reference that the type of rescue is determined, the number of victims is identified, the last reported location of established, witnesses and reporting parties are identified and interviewed, resource needs are assessed, eters are identified, and information required to develop an incident action plan is obtained.		
This is not a	timed event. To pass this station, you must successfully complete 100% of the skill steps.		
P-Pass / F-F	ail		
1st Attempt 2nd at	<ol> <li>Type of rescue is determined</li> <li>Number of victims and last reported location of all victims is established</li> <li>Witnesses and reporting parties are identified and interviewed</li> <li>Resource needs are assessed</li> </ol>		
Candidate's N	ame: Station: P F P F 1st Attempt P T		

Evaluator's Signature:

## MANAGE INCIDENT HAZARDS

NFPA 1006-2013 edition, Section 5.2.3

Evaluator's Signature:

Reference:	High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition
Candidate E pertinent to a	quipment Required: Proper PPE, applicable reference material, portable radio, and equipment rescue
Evaluator E	quipment Required: Proper PPE
protective equations source applications	<b>didate:</b> For this skill event, you will manage incident hazards, given scene control barriers, personal uipment, requisite equipment, and available specialized resources, so that all hazards are identified, reation fits the operational requirements, hazard isolation is considered, risks to rescuers and victims are nd rescue time constraints are taken into account.
This is not a	timed event. To pass this station, you must successfully complete 100% of the skill steps.
P-Pass / F-F	ail
1st Attempt 2nd at	1. All hazards are identified 2. Resource applications fit the operational requirements 3. Hazards were isolated to minimize risk to rescuers and victims 4. Rescue time constraints were taken into account
Candidate's N	ame: Station: P F P F 1st Attempt P F

#### MANGE RESOURCES IN A RESCUE INCIDENT

NFPA 1006-2013 edition, Section 5.2.4

JPR:

High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition **Reference:** Candidate Equipment Required: Proper PPE, applicable reference material, portable radio, and equipment pertinent to a rescue **Evaluator Equipment Required:** Proper PPE Read to Candidate: For this skill event, you will manage resources in a rescue incident, given incident information, a means of communication, resources, tactical worksheets, personnel accountability protocol, applicable references, and standard operating procedures, so that references are utilized, personnel are accounted for, deployed resources achieve desired objectives, incident actions are documented, rescue efforts are coordinated, the command structure is established, task assignments are communicated and monitored, and actions are consistent with applicable regulations. This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps. P-Pass / F-Fail 1st Attempt 2nd attempt 1. References are utilized \_\_\_\_ 2. Incident management system used \_\_\_\_ 3. Completes tactical worksheets \_\_\_\_ 4. Evaluates incident information \_\_\_\_ 5. Uses correct resources for operational needs \_\_\_\_ 6. Manages and operates communication equipment 7. Communicates effectively so that objectives are met Candidate's Name: \_\_\_\_\_ Station: P \_\_\_\_ F \_\_\_ P \_\_\_ F \_\_\_\_ P \_\_\_ F \_\_\_\_ Evaluator's Signature:

## INITIATE A DISCIPLINE SPECIFIC SEARCH

JPR:	NFPA 1006-2013 edition, Section 5.2.5
Reference:	High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition
Candidate I pertinent to a	Equipment Required: Proper PPE, applicable reference material, portable radio, and equipment a search
<b>Evaluator E</b>	Equipment Required: Proper PPE
search mission the victim prosearch area a their expertis	event, you will initiate a discipline-specific search, given hazard-specific PPE, equipment pertinent to on, an incident location, and victim investigative information, so that search parameters are established; rofile is established; the entry and exit of all people either involved in the search or already within the are questioned and the information is updated and relayed to command; the personnel assignments match se; all victims are located as quickly as possible; applicable technical rescue concerns are managed; risks are minimized; and all searchers are accounted for.
This is not a  P-Pass / F-F	timed event. To pass this station, you must successfully complete 100% of the skill steps.
1st Attempt 2nd a	1. Search parameters are established 2. Victim profile is established 3. The entry and exit of all people either involved in the search or already within the search area are questioned and the information is relayed to command 4. Personnel assignments match their expertise 5. All victims are located as quickly as possible 6. Applicable technical rescue concerns are managed 7. Risks to searchers are minimized 8. All searchers are accounted for
Candidate's N	Jame: Station: P F P F

1st Attempt

Evaluator's Signature:

2nd attempt

#### PERFORM GROUND SUPPORT ACTIVITIES FOR HELICOPTER OPERATIONS

JPR:	NFPA 1006-2013 edition, Section 5.2.6
Reference:	High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition
Candidate I	Equipment Required: Proper PPE, portable radio, and requisite equipment
Evaluator E	Equipment Required: Proper PPE
scenario/inci that rescue p proficiency i assignment i	event, you will perform ground support operations for helicopter activities, given a rescue dent, helicopter, operational plans, PPE, requisite equipment, and available specialized resources, so ersonnel are aware of the operational characteristics of the aircraft and demonstrate operational n establishing and securing landing zones and communicating with aircraft personnel until the
P-Pass / F-F	
1st Attempt 2nd a	<ol> <li>Rescue personnel are aware of the operational characteristics of the aircraft</li> <li>Rescue personnel demonstrate operational proficiency in establishing and securing landing zones</li> <li>Rescue personnel communicate with the aircraft personnel until assignment is complete</li> </ol>
Candidate's N	Name: Station: P F P F Ist Attempt

Evaluator's Signature:

#### TERMINATE A TECHNICAL RESCUE OPERATION

NFPA 1006-2013 edition, Section 5.2.7

Evaluator's Signature:

High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition

JPR:

**Reference:** 

Candidate Equipment Required: P	roper PPE, incident scenar	rio, assigned	resources, and	d site safety data
Evaluator Equipment Required: Pr	coper PPE			
Read to Candidate: For this skill event, terminate a techn safety data, so that rescuer risk and si a responsible party, personnel and resoccur, and post event analysis is cond	te safety are managed, sce sources are returned to a st	ne security i	s maintained,	and custody transferred to
This is not a timed event. To pass this	s station, you must success	fully comple	ete 100% of th	ne skill steps.
P-Pass / F-Fail				
	equipment and methods on and management syster rsonnel tracking systems	ms		
Candidate's Name:	Station: P	F	P F 2nd attempt	-

# TRIAGE VICTIMS

JPR:	NFPA 1006-2013 edition, Section 5.3.1
Reference:	High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition
Candidate E	quipment Required: Proper PPE, portable radio, and triage tags
Evaluator E	quipment Required: Proper PPE
factors are ass	didate: event, you will triage victims, given triage tags and local protocol, so that rescue versus recovery sessed, triage decisions reflect resource capabilities, severity of injuries is determined, and victim care iorities are established in accordance with local protocol. This is not a timed event.
To pass this s	tation, you must successfully complete 100% of the skill steps.
P-Pass / F-Fa	nil
1st Attempt	<ol> <li>2nd attempt</li> <li>Dons appropriate PPE</li> <li>Assesses victims per local triage protocol</li> <li>Determines if victims can be rescued or if this is a recovery</li> <li>Applies triage tag with correct category to the victim, based on local protocol</li> </ol>
Candidate's Na	ame: Station: PF PF P F
Evaluator's Sig	gnature:

#### MOVE A VICTIM IN A LOW-ANGLE ENVIRONMENT

NFPA 1006-2013 edition, Section 5.3.2

<b>Reference:</b> High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition
Candidate Equipment Required: Proper PPE, rope rescue system, a specified minimum travel distance for the litter tender, life safety harnesses, litters, bridles, and specialized equipment necessary for the environment
Evaluator Equipment Required: Proper PPE
Read to Candidate:  For this skill event, you will move a victim in a low-angle environment, given victim transport equipment, litters, other specialized equipment, and victim removal systems specific to the rescue environment, so that the victim is moved without undue further injuries, risks to rescuers are minimized, the integrity of the victim's securement within the transfer device is established and maintained, the means of attachment to the rope rescue system is maintained, and the victim is removed from the hazard.
This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.
P-Pass / F-Fail
1. Select and secured victim to transport equipment 2. Assemble and operate environment-specific victim removal systems 3. Maneuver across the terrain 4. Manage the litter while suspended from the rope rescue system 5. Evaluate surroundings for potential hazards
Candidate's Name: Station: PF PF P F
Evaluator's Signature: 1st Attempt 2nd attempt

#### INSPECT AND MAINTAIN HAZARD-SPECIFIC PPE

JPR:	NFPA 1006-2013 edition, Section 5.4.1
Reference:	High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition
Candidate E	quipment Required: Proper PPE, technical rescue references, and requisite equipment
Evaluator Eq	quipment Required: Proper PPE
protection of resources as a repair or main	didate: event, you will inspect and maintain hazard specific PPE, given clothing or equipment for the the rescuers, cleaning and sanitation supplies, maintenance logs or records, and such tools and re indicated by the manufacturer's guidelines for assembly or disassembly of components during tenance, so that damage, defects, and wear are identified and reported or repaired, equipment has been d documented consistent with the manufacturer's recommendations.
This is not a t	imed event. To pass this station, you must successfully complete 100% of the skill steps.
P-Pass / F-Fa	nil
	1. Identifies wear and damage indicators for PPE 2. Evaluates the operational readiness of PPE 3. Completes logs and records 4. Uses reference materials and cleaning equipment specific to the task
Candidate's Na	ame: Station: P F P F
	Ist Attempt 2nd attempt gnature:

# INSPECT AND MAINTAIN RESCUE EQUIPMENT

NFPA 1006-2013 edition, Section 5.4.2

Evaluator's Signature:

Reference:	High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition
	quipment Required: Proper PPE, technical rescue references, and requisite equipment
<b>Evaluator Eq</b>	uipment Required: Proper PPE
resources as in standard opera are checked for	didate: event, you will inspect and maintain rescue equipment, given maintenance logs and records, tools, and adicated by the manufacturer's guidelines, equipment replacement protocol, and organizational ating procedure, so that the operational status of equipment is verified and documented, all components or operation, deficiencies are repaired or reported as indicated by standard operating procedure, and to replacement protocol are correctly disposed of and changed.
This is not a ti	med event. To pass this station, you must successfully complete 100% of the skill steps.
P-Pass / F-Fa	il
1st Attempt 2nd atte	1. Identifies wear and damage indicators for rescue equipment 2. Evaluates operational readiness of equipment 3. Completes logs and records 4. Selects and uses correct maintenance tools per manufacturer guidelines
Candidate's Na	me: Station: P F P F

# **DEMONSTRATE KNOTS, BENDS, AND HITCHES**

NFPA 1006-2013 edition, Section 5.5.1

Reference:	High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition
	quipment Required: Proper PPE, 8mm "prusik" rope, ½" rescue rope, rescue webbing quipment Required: Proper PPE
	<b>didate:</b> event, you will demonstrate knots, bends, and hitches, given ropes, webbing, and a list of knots used by that the knots are dressed, recognizable, and <u>backed up as required.</u>
This is not a t	imed event. To pass this station, you must successfully complete 100% of the skill steps.
P-Pass / F-Fa	nil
1st Attempt 2nd att	<ol> <li>Correctly ties end-of-line loop (figure eight on a bight)</li> <li>Correctly ties midline loop (butterfly knot)</li> </ol>
Candidate's Na Evaluator's Sig	Station: P F P F  gnature:  Station: P F P F 2nd attempt

#### CONSTRUCT A SINGLE POINT ANCHOR SYSTEM

High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition

NFPA 1006-2017 edition, Section 5.5.2

Evaluator's Signature:

JPR:

**Reference:** 

Candidate Equipment Required: Pro	per PPE, suitable anchor, requisite equipment
Evaluator Equipment Required: Pro	per PPE
rescue equipment, so that the chosen ar does not interfere with rescue operation assessed and used as required, the anch integrity of the system is maintained th.  This is not a timed event. To pass this s  P-Pass / F-Fail  1st Attempt 2nd attempt	tation, you must successfully complete 100% of the skill steps.
2. Selects appropriate ro 3. Ties appropriate knot 4. Rigs the system corre 5. Performs system safe	s correctly etly y check
Candidate's Name:	Station: PF PF1st Attempt PF

#### PLACE EDGE PROTECTION

NFPA 1006-2013 edition, Section 5.5.3

<b>Reference:</b> High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition	
Candidate Equipment Required: Proper PPE, requisite equipment, and a sharp or abrasive edge Evaluator Equipment Required: Proper PPE	
Read to Candidate:  For this skill event, place edge protection, given life safety rope or webbing traversing a sharp or abrasive edge, edge protection, and other auxiliary rope rescue equipment, so that the rope or webbing is protected from abrasion or cutting, the rescuer is safe from falling while placing the edge protection, the edge protection is secure, and the rope or webbing is securely placed on the edge protection.	
This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.	
P-Pass / F-Fail	
1. Selects appropriate protective devices for protecting rope and webbing 2. Uses personal fall protection while working near edges 3. Secures edge protection 4. Secures ropes or webbing in a specific location	
Candidate's Name: Station: PF PF Evaluator's Signature:	

## CONSTRUCT A SIMPLE ROPE MECHANICAL ADVANTAGE SYSTEM

JPR:	NFPA 1006-2013 edition, Section 5.5.4
Reference:	High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition
Candidate E	<b>quipment Required:</b> Proper PPE, life safety rope, carabiners, pulleys, rope grab devices, and auxiliary quipment
Evaluator E	quipment Required: Proper PPE
rope grab dev	didate: event, construct a simple rope mechanical advantage system, given life safety rope, carabiners, pulleys, rices, and auxiliary rope rescue equipment, so that the system constructed can accommodate the load, is is connected to an anchor system and the load.
This is not a t	timed event. To pass this station, you must successfully complete 100% of the skill steps.
P-Pass / F-Fa	ail
1st Attempt 2nd at	1. Tie appropriate knots 2. Choose and rig systems 3. Attach mechanical advantage system to the anchor system and load 4. Perform a system safety check
Candidate's N Evaluator's Si	ame: Station: P F P F gnature:

# DIRECT A TEAM IN THE OPERATION OF A SIMPLE ROPE MECHANICAL ADVANTAGE SYSTEM IN A LOW-ANGLE RAISING OPERATION

NFPA 1006-2013 edition, Section 5.5.5

Reference: Hi	gh-Angle Rope Rescue Techniques: Levels I and II, 4th Edition
Candidate Equip	oment Required: Proper PPE, life safety rope, carabiners, pulleys, rope grab devices, and auxiliary ment
<b>Evaluator Equip</b>	ment Required: Proper PPE
raising operation, rescue system inc system, so that the operating method	te: t, direct a team in the operation of a simple rope mechanical advantage system in a low-angle given rescue personnel, a specified minimum travel distance for the load, an established rope orporating a simple rope mechanical advantage system, a load to be moved, and an anchor e movement is controlled; a reset is accomplished; the load can be held in place when needed; a do not stress the system to the point of failure; commands are used to direct the operation; and a are identified, communicated, and managed.
This is not a time  P-Pass / F-Fail	d event. To pass this station, you must successfully complete 100% of the skill steps.
1st Attempt 2nd attempt 2 2 2 3 4 3 4 3	Load movement is controlled Reset is accomplished properly Load held in place as directed by IC System not overly stressed Proper commands used to direct operations Problems identified, communicated, and managed
Candidate's Name: Evaluator's Signatu	Station: P F P F are:

# FUNCTION AS A LITTER TENDER IN A LOW-ANGLE LOWERING OR RAISING OPERATION

NFPA 1006-2017 edition, Section 5.5.6

<b>Reference:</b> High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition
Candidate Equipment Required: Proper PPE, rope rescue system, specified minimum travel distance for the liter tender, life safety harness, litters, bridles, and specialized equipment necessary for the environment
Evaluator Equipment Required: Proper PPE
Read to Candidate:  For this skill event, perform the activities of a litter tender in a low-angle lowering or raising operation, given a rope rescue system, a specified minimum travel distance for the litter tender, life safety harnesses, litters, bridles, and specialized equipment necessary for the environment, so that risks to victims and rescuers are minimized; the means of attachment to the rope rescue system is secure; and the travel path is negotiated while minimizing risks to equipment or persons.
This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.
P-Pass / F-Fail
1. Uses proper PPE 2. Attaches life safety harness to the rope rescue system 3. Maneuver the litter past obstacles 4. Manage the litter while attached to the rope rescue system 5. Evaluate surroundings for potential hazards
Candidate's Name: Station: P F P F Evaluator's Signature:

#### **CONSTRUCT A LOWERING SYSTEM**

JPR:	NFPA 1006-2013 edition, Section 5.5.7
Reference:	High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition
Candidate E rope rescue e	quipment Required: Proper PPE, an anchor system, life safety rope, descent control device, auxiliar quipment
Evaluator E	quipment Required: Proper PPE
and auxiliary controlling th	didate: event, construct a lowering system, given an anchor system, life safety rope(s), descent control device rope rescue equipment, so that the system can accommodate the load, is efficient, is capable of the descent, is capable of holding the load in place or lowering with minimal effort over the required is connected to an anchor system and the load.
This is not a	timed event. To pass this station, you must successfully complete 100% of the skill steps.
P-Pass / F-Fa	ail
	1. Dons appropriate PPE 2. Tie appropriate knots 3. Perform rigging 4. Attach descent control device 5. Anchor system and load 6. Perform system safety check
Candidate's N	ame: Station: P F P F Ist Attempt P F
Evaluator's Si	

#### DIRECT A LOWERING OPERATION IN A LOW-ANGLE ENVIRONMENT

NFPA 1006-2013 edition, Section 5.5.8

Reference:	High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition
	quipment Required: Proper PPE, rescue personnel, established lowering system, specified minimum e for the load and a load.
Evaluator Eq	uipment Required: Proper PPE
personnel, an so that the mosystem to the	didate: event, direct a lowering operation in a high-angle environment, given rescue established lowering system, a specified minimum travel distance for the load, and a load to be moved, event is controlled, the load can be held in place when needed, operating methods do not stress the point of failure, rope commands are used to direct the operation, and potential problems are identified, d, and managed.
This is not a tr	imed event. To pass this station, you must successfully complete 100% of the skill steps.
P-Pass / F-Fa	il
1st Attempt 2nd atte	1. Direct personnel using operational commands 2. Analyzes system efficiency 3. Manage movement of the load in a high-angle environment 4. Identify safety concerns 5. Perform a system safety check
Candidate's Na Evaluator's Sig	sme:Station: PF PF gnature:

# CONSTRUCT A BELAY SYSTEM

NFPA 1006-2013 edition, Section 5.5.9

Reference:	High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition
	quipment Required: Proper PPE, life safety rope, anchor system, rope rescue equipment quipment Required: Proper PPE
equipment, so loaded unless not rigged into	didate: event, construct a belay system, given life safety rope, anchor systems, PPE, and rope rescue that the system is capable of arresting a fall, a fall will not result in system failure, the system is not actuated, actuation of the system will not injure or otherwise incapacitate the belayer, the belayer is to the equipment components of the system, and the system is suitable to the site and is connected to an and the load.
This is not a t	imed event. To pass this station, you must successfully complete 100% of the skill steps.
P-Pass / F-Fa	nil
1st Attempt 2nd att	1. Select a belay system 2. Wear appropriate task specific PPE 3. Tie rescue knots with safety knots as required 4. Perform rigging 5. Attach to anchor system and load 6. Perform system safety check
Candidate's Na	ame: Station: P F P F Ist Attempt P F
Evaluator's Sig	

#### OPERATE A BELAY SYSTEM DURING A LOWERING OR RAISING OPERATION

**JPR:** NFPA 1006-2013 edition, Section 5.5.10

**Reference:** High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition

**Candidate Equipment Required:** Proper PPE, operating lowering or raising mechanical advantage system, specified minimum travel distance for the load, a belay system and a load

**Evaluator Equipment Required:** Proper PPE

#### **Read to Candidate:**

For this skill event, operate a belay system during a lowering or raising operation, given an operating lowering or raising mechanical advantage system, a specified minimum travel distance for the load, a belay system, and a load, so that the potential fall factor is minimized, the belay device system is not actuated during operation of the primary rope rescue system, the belay system is prepared for actuation at all times during the operation, the belayer is attentive at all times during the operation, the load's position is continually monitored, and the belayer moves the rope through the belay device as designed.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

#### P-Pass / F-Fail

1st Attempt	1			
	1. Don task specific PPE			
	<ul> <li>2. Tie approved knots</li> <li>3. Properly attach a belay line to a belay device</li> <li>4. Perform a system safety check</li> </ul>			
	5. Manage and communicate belay system status effectively			
Candidat	's Name: Station: P F P F			
	1st Attempt 2nd attempt			
Evaluato	s Signature:			

#### BELAY A LOAD IN A HIGH-ANGLE ENVIRONMENT

NFPA 1006-2013 edition, Section 5.5.11

Reference:	High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition
Candidate E	quipment Required: Proper PPE, a belay system and a falling load
<b>Evaluator E</b>	quipment Required: Proper PPE
that the belay arrested in a r	didate: event, belay a falling load in a high-angle environment, given a belay system and a dropped load, so line is not taut until the load is falling, the belay device is actuated when the load falls, the fall is manner that minimizes the force transmitted to the load, the belayer utilizes the belay system as I the belayer is not injured or otherwise incapacitated during actuation of the belay system.
This is not a t	timed event. To pass this station, you must successfully complete 100% of the skill steps.
P-Pass / F-Fa	ail
1st Attempt 2nd at	1. Don task specific PPE 2. Tie approved knots 3. Operate a belay system as designed 4. Recognize and arrest a falling load 5. Communicate belay system actuation
Candidate's N	ame: Station: P F P F Ist Attempt P F
	gnature:

# Technical Rescuer Skills Assessment Skill Sheet #23

# CONDUCT A SYSTEM SAFETY CHECK

NFPA 1006-2013 edition, Section 5.5.12

Reference:	High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition
	quipment Required: Proper PPE, rope rescue system and rescue personnel. quipment Required: Proper PPE
physical/visua	event, you will conduct a system safety check, given rope rescue system and rescue personnel, so that a all check of the system is made to ensure proper rigging, a load test is performed prior to life-loading and verbal confirmation of these actions is announced and acknowledged before life-loading the rope
This is not a ti	imed event. To pass this station, you must successfully complete 100% of the skill steps.
P-Pass / F-Fa	ıil
	<ol> <li>Dons appropriate PPE</li> <li>Inspects rope rescue system components for damage</li> <li>Assesses rope rescue system for configuration and secure equipment components</li> <li>Inspects all rigging</li> <li>Performs a system safety check</li> </ol>
Candidate's Na	Station: P _ F _ P _ F  Station: P _ Ist Attempt
Evaluator's Sig	gnature:

# TECHNICAL RESCUER TRAINING RECORD - NFPA 1006; 2013 Standard

**Chapter 5 – Job Performance Requirements** 

NAME:	LAST 4 of SSN:	DEPARTMENT:	
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	TRAINING RECORD		IN-HOUSE				GODDEGDOUDING	
SECTION			1	COMP. EXAM		M	MANIPULATIVE SKILL - DEMONSTRATE	CORRESPONDING SKILL SHEET
	DATE	INST	HRS	DATE	INST	P/F		
Pre-Requisite								
							IDENTIFY NEEDED SUPPORT RESOURCES	1
							SIZE UP A RESCUE INCIDENT	2
							MANAGE INCIDENT HAZARDS	3
							MANGE RESOURCES IN A RESCUE INCIDENT	4
							INITIATE A DISCIPLINE SPECIFIC SEARCH	5
							PERFORM GROUND SUPPORT ACTIVITIES FOR HELICOPTER OPERATIONS	6
							TERMINATE A TECHNICAL RESCUE OPERATION	7
							TRIAGE VICTIMS	8
Chapter 5							MOVE A VICTIM IN A LOW-ANGLE ENVIRONMENT	9
							INSPECT AND MAINTAIN HAZARD-SPECIFIC PPE	10
							INSPECT AND MAINTAIN RESCUE EQUIPMENT	11
							DEMONSTRATE KNOTS, BENDS, AND HITCHES	12
							CONSTRUCT A SINGLE POINT ANCHOR SYSTEM	13
							PLACE EDGE PROTECTION	14
							CONSTRUCT A SIMPLE ROPE MECHANICAL ADVANTAGE SYSTEM	15
							DIRECT A TEAM IN THE OPERATION OF A SIMPLE ROPE MECHANICAL ADVANTAGE SYSTEM IN A LOW-ANGLE RAISING OPERATION	16

# **TECHNICAL RESCUER TRAINING RECORD - NFPA 1006; 2013 Standard** Chapter 5 – Job Performance Requirements

	TR	RAINING	÷	IN-HOUSE				CORRESPONDING
SECTION	RECORD			COMP. EXAM		M	MANIPULATIVE SKILL - DEMONSTRATE	SKILL SHEET
	DATE	INST	HRS	DATE	INST	P/F	MANI CLATIVE SKILL - DEMONSTRATE	
							FUNCTION AS A LITTER TENDER IN A LOW- ANGLE LOWERING OR RAISING OPERATION	17
							CONSTRUCT A LOWERING SYSTEM	18
							DIRECT A LOWERING OPERATION IN A LOW-ANGLE ENVIRONMENT	19
Chapter 5 (cont.)							CONSTRUCT A BELAY SYSTEM	20
							OPERATE A BELAY SYSTEM DURING A LOWERING OR RAISING OPERATION	21
							BELAY A LOAD IN A HIGH-ANGLE ENVIRONMENT	22
							CONDUCT A SYSTEM SAFETY CHECK	23

# SECTION – II CHAPTER 6 – ROPE RESCUE - Level I JOB PERFORMANCE REQUIREMENTS

# DIRECT A TEAM IN THE OPERATION OF A SIMPLE ROPE MECHANICAL ADVANTAGE SYSTEM IN A HIGH-ANGLE RAISING OPERATION

NFPA 1006-2013 edition, Section 6.1.1

Evaluator's Signature:

Reference:	High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition
	<b>Equipment Required:</b> Proper PPE, rescue personnel, established rope rescue system incorporating a simple ical advantage system, a specified minimum travel distance for the load, a load to be moved, and an anchor
<b>Evaluator E</b>	quipment Required: Proper PPE
raising operar advantage synthat the move methods do n	event, direct a team in the operation of a simple rope mechanical advantage system in a high-angle tion, given rescue personnel, an established rope rescue system incorporating a simple rope mechanical stem, a specified minimum travel distance for the load, a load to be moved, and an anchor system, so ement is controlled, a reset is accomplished, the load can be held in place when needed, operating not stress the system to the point of failure, commands are used to direct the operation and potential identified, communicated, and managed.
This is not a	timed event. To pass this station, you must successfully complete 100% of the skill steps.
P-Pass / F-F	ail
	1. Directs personnel effectively 2. Uses operational commands 3. Analyzes system efficiency 4. Identify safety concerns 5. Perform system safety check
Candidate's N	ame: Station: P F P F 1st Attempt P F

# DIRECT A LOWERING OPERATION IN A HIGH-ANGLE ENVIRONMENT

NFPA 1006-2013 edition, Section 6.1.2

Reference: High-A	ngle Rope Rescue Techniques: Levels I and II, 4th Edition
Candidate Equipment travel distance for the	<b>t Required:</b> Proper PPE, rescue personnel, established lowering system, specified minimum load and a load.
<b>Evaluator Equipmen</b>	t Required: Proper PPE
personnel, an establish so that the movement i	rect a lowering operation in a high-angle environment, given rescue ed lowering system, a specified minimum travel distance for the load, and a load to be moved, s controlled, the load can be held in place when needed, operating methods do not stress the failure, rope commands are used to direct the operation, and potential problems are identified, anaged.
This is not a timed eve	nt. To pass this station, you must successfully complete 100% of the skill steps.
P-Pass / F-Fail	
2. Anal	et personnel using operational commands yzes system efficiency age movement of the load in a high-angle environment ify safety concerns orm a system safety check
Candidate's Name: Evaluator's Signature: _	Station: P F F P 2nd attempt

#### CONSTRUCT A MULTIPLE-POINT ANCHOR SYSTEM

**JPR:** NFPA 1006-2017 edition, Section 6.1.3

**Reference:** High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition

Candidate Equipment Required: Proper PPE, suitable anchor, requisite equipment

**Evaluator Equipment Required:** Proper PPE

#### **Read to Candidate:**

For this skill event, you will construct a multiple-point anchor system, given life safety rope and other auxiliary rope rescue equipment, so that the chosen anchor system fits the incident needs, the system strength meets or exceeds the expected load and does not interfere with rescue operations, equipment is visually inspected prior to being put in service, the nearest anchor point that will support the load is chosen, the anchor system is system safety checked prior to being placed into service, the integrity of the system is maintained throughout the operation, and weight will be distributed between more than one anchor point.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

#### P-Pass / F-Fail

1st Attempt 2nd attempt

2. The system 3. Selects effects	anchor system fits the incident need meets or exceeds the expected loatestive knots cident operations as related to inter-	ad	concerns	and setur	)
5. Perform a s	ystem safety check stem components for comprised in				
Candidate's Name:	Station: P	F 1st Attempt	_ P	Fd attempt	

# CONSTRUCT A COMPOUND ROPE MECHANICAL ADVANTAGE SYSTEM

JPR:	NFPA 1006-2013 edition, Section 6.1.4
Reference:	High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition
	quipment Required: Proper PPE, a load, an anchor system, life safety rope, carabiners, pulleys, rope grab rope rescue equipment
Evaluator E	quipment Required: Proper PPE
safety rope, c accommodate	event, construct a compound rope mechanical advantage system, given a load, an anchor system, life arabiners, pulleys, rope grab devices, and rope rescue equipment, so that the system constructed as the load and reduces the force required to lift the load, operational interference is factored and system is efficient, a system safety check is completed, and the system is connected to an anchor
This is not a t	imed event. To pass this station, you must successfully complete 100% of the skill steps.
P-Pass / F-Fa	ail
1st Attempt 2nd at	1. Determines incident needs as related to choosing compound rope systems 2. Select effective knots 3. Calculate expected loads 4. Evaluate incident operations as related to interference concerns and setups 5. Perform system safety check 6. Evaluate system components for compromised integrity
Candidate's N	ame: Station: P F P F  1st Attempt P F
Evaluator's Signature	

# CONSTRUCT A FIXED ROPE SYSTEM

NFPA 1006-2013 edition, Section 6.1.5

<b>Reference:</b> High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition
Candidate Equipment Required: Proper PPE, anchor system, life safety rope, rope rescue equipment Evaluator Equipment Required: Proper PPE
<b>Read to Candidate:</b> For this skill event, construct a fixed rope system, given an anchor system, a life safety rope, and rope rescue equipment, so that the system constructed can accommodate the load, is efficient, and is connected to an anchor system and the load, and a system safety check is performed, and the results meet the incident requirements for descending or ascending operations.
This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.
P-Pass / F-Fail
1. Select effective knots 2. Calculate expected loads 3. Evaluate operational interference concerns and setup 4. Perform system safety check 5. Evaluate system components for compromised integrity
Candidate's Name: Station: P F P F P Ist Attempt
Evaluator's Signature:

# DIRECT THE OPERATION OF A COMPOUND ROPE MECHANICAL ADVANTAGE SYSTEM IN A HIGH-ANGLE ENVIRONMENT

<b>JPR:</b> NFPA 1006-2	2013 edition, Section 6.1.6					

**Reference:** High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition

**Candidate Equipment Required:** Proper PPE, rope rescue system incorporating a compound rope mechanical advantage system, a load to be moved, a specific minimum travel distance

**Evaluator Equipment Required:** Proper PPE

#### Read to Candidate:

For this skill event, direct the operation of a compound rope mechanical advantage system in a high-angle environment, given a rope rescue system incorporating a compound rope mechanical advantage system and a load to be moved, and a specified minimum travel distance for the load, so that a system safety check is performed; a reset is accomplished, and the movement is controlled; the load can be held in place when needed; operating methods do not stress the system to the point of failure; operational commands are clearly communicated; and potential problems are identified, communicated, and managed.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

#### P-Pass / F-Fail

1st Attempt	2nd attempt
	1. Determines incident needs
	2. Evaluates incident operations as related to interference concerns
	3. Complete system safety check
	4. Continually evaluate system components for compromised integrity
	5. Direct personnel effectively
	6. Communicate commands
	7. Analyze system efficiency
	8. Manage load movement
	9. Identify Concerns
Candidat	o's Nomes Station D. E. D. E.
Candidat	e's Name: Station: P F P F  1st Attempt
Evaluato	's Signature:
	-

#### ASCEND A FIXED ROPE IN A HIGH-ANGLE ENVIRONMENT

**JPR:** NFPA 1006-2013 edition, Section 6.1.7

**Reference:** High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition

**Candidate Equipment Required:** Proper PPE, anchored fixed rope system, specified minimum distance for the rescuer, system to allow ascent of a fixed rope, a structure, a belay system and life safety harness.

**Evaluator Equipment Required:** Proper PPE

#### **Read to Candidate:**

For this skill event, ascend a fixed rope in a high-angle environment, given an anchored fixed rope system, a specified minimum distance for the rescuer, a system to allow ascent of a fixed rope, a structure, a belay system, a life safety harness worn by the person ascending, and PPE, so that the person ascending is secured to the fixed rope in a manner that will not allow him or her to fall; the person ascending is attached to the rope by means of an ascent control device(s) with at least two points of contact; injury to the person ascending is minimized; the person ascending can stop at any point on the fixed rope and rest suspended by his or her harness; the system will not be stressed to the point of failure; the person ascending can convert his or her ascending system to a descending system; obstacles are negotiated; the system is suitable for the site; and the objective is reached.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

#### P-Pass / F-Fail

1st Attempt 2nd attempt

	1. Select and use rescuer harness					
	<ul><li>2. Select proper PPE</li><li>3. Use a system for ascending a fixed</li></ul>	rone				
	4. Use of ascent control devices	торе				
	5. Minimum of 2 connections from re	scuer harr	ness to the fi	ixed ro	pe syster	m
	6. Maneuver around existing environi	mental and	d system spe	ecific o	bstacles	
	7. Convert the ascending system to a the fixed rope; and evaluate surrou		<i>C</i>			irom
Candidate's Nar	ne:	Station: P _	F	P	F	_
Evaluator's Sign	nature:		1st Attempt	2no	d attempt	

#### DESCEND A FIXED ROPE IN A HIGH-ANGLE ENVIORNMENT

**JPR:** NFPA 1006-2013 edition, Section 6.1.8

**Reference:** High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition

**Candidate Equipment Required:** Proper PPE, anchored fixed rope system, specified minimum distance for the rescuer, system to allow descent of a fixed rope, a structure, a belay system and life safety harness.

**Evaluator Equipment Required:** Proper PPE

#### **Read to Candidate:**

For this skill event, ascend a fixed rope in a high-angle environment, given an anchored fixed rope system, a specified minimum distance for the rescuer, a system to allow descent of a fixed rope, a belay system, a life safety harness worn by the person descending, and PPE, so that the person descending is secured to the fixed rope in a manner that will not allow him or her to fall; the person descending is attached to the rope by means of an descent control device; the speed of descent is controlled; injury to the person descending is minimized; the person descending can stop at any point on the fixed rope and rest suspended by his or her harness; the system will not be stressed to the point of failure; the system is suitable for the site; and the objective is reached.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

#### P-Pass / F-Fail

1st Attampt 2nd attampt

15t Pittempt 2nd ditempt				
1. Select and use rescuer harness				
2. Select proper PPE				
3. Use a system for descending a f	ixed rope			
4. Use of a descent control device	•			
5. Evaluate surroundings for poten	tial hazards			
6. Maneuver around existing envir	onmental an	d system sp	ecific c	bstacles
Candidate's Name:	Station: P	F 1st Attempt	$P_{{2n}}$	F d attempt
Evaluator's Signature:				

# SECTION – II CHAPTER 6 – ROPE RESCUE - Level II JOB PERFORMANCE REQUIREMENTS

# COMPLETE AN ASSIGNMENT WHILE SUSPENDED FROM A ROPE RESCUE SYSTEM IN A HIGH-ANGLE ENVIRONMENT

JPR:	NFPA 1006-2013 edition, Section 6.2.1
Reference:	High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition
Candidate E	quipment Required: Proper PPE, portable radio, and requisite equipment
Evaluator E	quipment Required: Proper PPE
rescue system environment, is secure; sele	didate: assignment while suspended from a rope rescue system in a high-angle environment, given a rope a, an assignment, life safety harnesses, litters, bridles, and specialized equipment necessary for the so that risks to victims and rescuers are minimized; the means of attachment to the rope rescue system acted specialized equipment facilitates efficient rescuer movement; and specialized equipment does not se risks to rescuers or victims.
This is not a t	imed event. To pass this station, you must successfully complete 100% of the skill steps.
1st Attempt 2nd att	empt 1. Selects and uses proper harness and PPE for the environment
Candidate's Na	ame: Station: P F P F Ist Attempt P F
Evaluator's Sig	gnature:

#### MOVE A VICTIM IN A HIGH-ANGLE ENVIRONMENT

**JPR:** NFPA 1006-2013 edition, Section 6.2.2

**Reference:** High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition

**Candidate Equipment Required:** Proper PPE, rope rescue system, a specified minimum travel distance for the litter tender, life safety harnesses, litters, bridles, and specialized equipment necessary for the environment

**Evaluator Equipment Required:** Proper PPE

#### **Read to Candidate:**

For this skill event, you will manage the movement of the victim as the rescuer in a high-angle environment, given a rope rescue system, a specified minimum travel distance for the victim, victim transfer devices, and specialized equipment necessary for the 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.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

#### P-Pass / F-Fail

1st Attempt 2nd attempt

	<ol> <li>Selects and uses proper I</li> <li>Choose proper patient tra</li> <li>Attach transfer device to</li> <li>Hazards reduced for resc</li> <li>Determined specialized of</li> </ol>	ansfer devices rope rescue system cuer(s) and victim(s)		vomant	
Candidate's N	-	Station: P	F	Р	F
Evaluator's Signature			st Attempt		attempt

# FUNCTION AS A LITTER TENDER IN A HIGH-ANGLE LOWERING OR RAISING OPERATION

NFPA 1006-2013 edition, Section 6.2.3

Reference: H	ligh-Angle Rope Rescue Techniques: Levels I and II, 4th Edition
-	<b>ipment Required:</b> Proper PPE, rope rescue system, specified minimum travel distance for the liter y harness, litters, bridles, and specialized equipment necessary for the environment
<b>Evaluator Equi</b>	pment Required: Proper PPE
rescue system, a specialized equip	ent, perform the activities of a litter tender in a high-angle lowering or raising operation, given a rope specified minimum travel distance for the litter tender, life safety harnesses, litters, bridles, and oment necessary for the environment, so that risks to victims and rescuers are minimized; the means the rope rescue system is secure; and the travel path is negotiated while minimizing risks to
	ed event. To pass this station, you must successfully complete 100% of the skill steps.
P-Pass / F-Fail	
2 3 4	Uses proper PPE  Attaches life safety harness to the rope rescue system  Maneuver the litter past obstacles  Manage the litter while attached to the rope rescue system  Evaluate surroundings for potential hazards
Candidate's Name Evaluator's Signa	e: Station: P F P F ture:

# DIRECT A TEAM IN TO REMOVE A VICTIM SUSPENDED FROM ROPE OR WEBBING IN A HIGH-ANGLE ENVIRONMENT

NFPA 1006-2013 edition, Section 6.2.4

Evaluator's Signature:

Reference:	High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition
Candidate E	Equipment Required: Proper PPE and system for removal of the victim
Evaluator E	quipment Required: Proper PPE
environment, the victim fro risks to victir	event, Direct a team in the removal of a victim suspended from rope or webbing in a high-angle given a victim suspended by a harness attached to anchored rope or webbing, devices for removal of om the rope or webbing, and a means of removal of the victim to the ground or other safe area, so that ms and rescuers are minimized, injury to the victim is minimized, the means of attachment to the rope is maintained, the victim is removed from the rope or webbing, and the victim is brought to a safe
	timed event. To pass this station, you must successfully complete 100% of the skill steps.
P-Pass / F-F	ail ail
1st Attempt 2nd at	1. Construct system for rapid removal of stranded victim suspended 2. Manage operation of the rope rescue system 3. Triage victim(s) 4. Minimizes hazards for rescuers and victims 5. Determine specialized equipment needs for victim removal
Candidate's N	ame: Station: P F P F

# DIRECT A TEAM IN THE CONSTRUCTION OF A ROPE RESCUE SYSTEM INTENDED TO MOVE A SUSPENDED RESCUE LOAD HORIZONTALLY

JPR:	NFPA 1006-2013 edition, Section 6.2.5
Reference:	High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition
Candidate E	Equipment Required: Proper PPE, life safety rope, rope rescue equipment and a suitable anchor
Evaluator E	quipment Required: Proper PPE
suspended re- rescue equipiclearly commexceed the ra is efficient; a	event, participate as a member of a team in the construction of a rope rescue system intended to move a scue load along a horizontal path to avoid an obstacle, given rescue personnel, life safety rope, rope ment, and a suitable anchor capable of supporting the load, so that personnel assignments are made and nunicated; the system constructed can accommodate the load; tension applied within the system will not ted capacity of any of its components' parts; a system safety check is performed; movement on the load and loads can be held in place or moved with minimal effort over the required distance.
P-Pass / F-F	ail
1st Attempt 2nd at	<ol> <li>Uses proper PPE</li> <li>Determines incident needs as related to construction of a system</li> <li>Evaluates incident site as related to interference concerns and setup</li> <li>Identifies obstacles to avoid</li> <li>Selects a system for the defined task</li> </ol>
Candidate's N	ame: Station: P F P F Ist Attempt

Evaluator's Signature:

# DIRECT A TEAM IN THE OPERATION OF A ROPE RESCUE SYSTEM TO MOVE A SUSPENDED RESCUE LOAD HORIZONTALLY

NFPA 1006-2013 edition, Section 6.2.6

JPR:

Reference:	High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition
	quipment Required: Proper PPE, life safety rope, rope rescue equipment and a suitable anchor quipment Required: Proper PPE
rescue person equipment, so stress the syst	didate: in the operation of a rope system to move a suspended rescue load along a horizontal path, given nel, an established system, a target for the load, a load to be moved, and personal protective that the movement is controlled; the load is held in place when needed; operating methods do not em to the point of failure; personnel assignments are made; tasks are communicated; and potential identified, communicated and managed.
This is not a t	imed event. To pass this station, you must successfully complete 100% of the skill steps.
P-Pass / F-Fa	il
	<ol> <li>Uses proper PPE</li> <li>Determines incident needs</li> <li>Complete system safety check</li> </ol>
Candidate's Na	ame: Station: P F P F Ist Attempt P F
Evaluator's Sig	Ist Attempt 2nd

### ACCESS A VICTIM IN A HIGH-ANGLE ENVIRONMENT

NFPA 1006-2013 edition, Section 6.2.7

Evaluator's Signature:

JPR:

Reference:	High-Angle Rope Rescue Techniques: Levels I and II, 4th Edition
Candidate <b>E</b>	Equipment Required: Proper PPE and rope rescue system
<b>Evaluator E</b>	quipment Required: Proper PPE
down natural	event, access a victim in a high-angle environment using techniques that require rescuers to climb up or or manmade structures given a belay, a belay system, or other mechanisms, so that the risks from a falled or eliminated; the patient is accessed; and the objective is achieved.
This is not a	timed event. To pass this station, you must successfully complete 100% of the skill steps.
P-Pass / F-F	ail
1st Attempt 2nd a	
Candidate's N	Jame: Station: P F P F

or

# ISOLATE AND MANAGE POTENTIALLY HARMFUL ENERGY SOURCES

NFPA 1006-2013 edition, Section 6.2.8

Reference: High	a-Angle Rope Rescue Techniques: Levels I and II, 4th Edition
	nent Required: Proper PPE, hazard securing and disabling devices
Evaluator Equipm	ent Required: Proper PPE
power systems and	Isolate and manage potentially harmful energy sources found in erected structures, including construction materials, given personal protective equipment, so that all hazards are identified, ed, beneficial system use is evaluated, and hazards to rescue personnel and victims are
This is not a timed of	event. To pass this station, you must successfully complete 100% of the skill steps.
P-Pass / F-Fail	
1st Attempt 2nd attempt 1. Co	onstruct system for rapid removal of stranded victim suspended anage operation of the rope rescue system inimizes fall potential and factors for rescuers and victims bjective achieved
Candidate's Name: _	Station: P F P P F 2nd attempt
	ist Attempt 2nd attempt

# ROPE RESCUER TRAINING RECORD - NFPA 1006; 2013 Standard Chapter 6 – Level I

PRINT NAME:	LAST 4 of SSN:	DEPARTMENT:
	21202 1 01 001 10	

	TRAINING		IN-HOUSE		,	MANIPULATIVE SKILL - DEMONSTRATE	CORRESPONDING	
SECTION	RECORD		COMP. EXAM		M		SKILL SHEET	
DA		INST	HRS	DATE	INST	P/F		
							DIRECT A TEAM IN THE OPERATION OF A SIMPLE ROPE MECHANICAL ADVANTAGE SYSTEM IN A HIGH-ANGLE RAISING OPERATION	1
							DIRECT A LOWERING OPERATION IN A HIGH-ANGLE ENVIRONMENT	2
Level I							CONSTRUCT A MULTIPLE-POINT ANCHOR SYSTEM	3
							CONSTRUCT A COMPOUND ROPE MECHANICAL ADVANTAGE SYSTEM	4
Level 1							CONSTRUCT A FIXED ROPE SYSTEM	5
							DIRECT THE OPERATION OF A COMPOUND ROPE MECHANICAL ADVANTAGE SYSTEM IN A HIGH-ANGLE ENVIRONMENT	6
							ASCEND A FIXED ROPE IN A HIGH-ANGLE ENVIRONMENT	7
		-					DESCEND A FIXED ROPE IN A HIGH-ANGLE ENVIORNMENT	8

# **ROPE RESCUER TRAINING RECORD - NFPA 1006; 2013 Standard** Chapter 6 – Level II

PRINT NAME: LAST 4 of SSN: DEPARTMENT:

	TR	TRAINING		IN-HOUSE		2		GODDEGDONDING
SECTION	RECORD		COMP. EXAM		M	MANIPULATIVE SKILL - DEMONSTRATE	CORRESPONDING SKILL SHEET	
	DATE	INST	HRS	DATE	INST	P/F		S
							COMPLETE AN ASSIGNMENT WHILE SUSPENDED FROM A ROPE RESCUE SYSTEM IN A HIGH-ANGLE ENVIRONMENT	1
							MOVE A VICTIM IN A HIGH-ANGLE ENVIRONMENT	2
							FUNCTION AS A LITTER TENDER IN A HIGH-ANGLE LOWERING OR RAISING OPERATION	3
							DIRECT A TEAM IN TO REMOVE A VICTIM SUSPENDED FROM ROPE OR WEBBING IN A HIGH-ANGLE ENVIRONMENT	4
Level II							DIRECT A TEAM IN THE CONSTRUCTION OF A ROPE RESCUE SYSTEM INTENDED TO MOVE A SUSPENDED RESCUE LOAD HORIZONTALLY	5
							DIRECT A TEAM IN THE OPERATION OF A ROPE RESCUE SYSTEM TO MOVE A SUSPENDED RESCUE LOAD HORIZONTALLY	6
							ACCESS A VICTIM IN A HIGH-ANGLE ENVIRONMENT	7
							ISOLATE AND MANAGE HARMFUL ENERGY SOURCES	8

# SECTION – III CHAPTER 7 – CONFINED SPACE - Level I JOB PERFORMANCE REQUIREMENTS

#### CONDUCT MONITORING OF THE ENVIRONMENT

**JPR:** NFPA 1006-2013 edition, Section 7.1.1

**Reference:** CMC, Confined Space Entry and Rescue Manual, Revised 2nd Edition

Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition

Candidate Equipment Required: Proper PPE, accurately calibrated detection and monitoring

Equipment, monitoring equipment reference material,

**Evaluator Equipment Required: Proper PPE** 

#### **Read to Candidate:**

For this skill event, conduct monitoring of the environment, given monitoring equipment reference material, personal protective equipment, accurately calibrated detection and monitoring equipment, and size-up information, so that a representative sample of the space is obtained, accurate readings are made, readings are documented, and effects of ventilation in determining atmospheric conditions and the conditions of the space have been determined for exposures to existing or potential environmental hazards.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

#### P-Pass / F-Fail

1st Attempt	2nd attempt					
	<ul><li>1. Use detection and monito</li><li>2. Confirm calibration of de</li></ul>	0 1 1	na aguinm	ont		
	3. Acquire representative sa		ng equipin	CIII		
Candidat	re's Name:	Station: P	F	P	F	
Evaluato	r's Signature:	1	st Attempt	2nc	d attempt	

#### PREPARE FOR ENTRY INTO THE CONFINED SPACE

**JPR:** NFPA 1006-2013 edition, Section 7.1.2

**Reference:** CMC, Confined Space Entry and Rescue Manual, Revised 2nd Edition

Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition

**Candidate Equipment Required:** Proper PPE, confined space prop, confined space rescue tool kit, detection and monitoring equipment.

Evaluator Equipment Required: Proper PPE

#### **Read to Candidate:**

For this skill event, you will prepare for entry into the confined space, given a confined space and a confined space rescue tool kit, so that victim communication is established when possible, continuous atmospheric monitoring is initiated, rescuer readiness is verified, rescuers' limitations are identified and evaluated, rescuers unsuitable to entry operations are reassigned and replaced, route and methods of entry are determined, and rescuer evacuation is planned.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

#### P-Pass / F-Fail

1st Attempt	2nd attempt
	1. Operated monitoring equipment correctly.
	2. Rescuer pre-entry medical exam performed.
	3. Rescuer capabilities and limitations evaluated.
	4. Victim communication needs identified.
	5. Point and route of entry evaluated and determined
	6. Evacuation methods selected.
G 11.1	
Candidat	e's Name: Station: P F P F and attempt
Evaluato	r's Signature:

#### ENTER INTO THE CONFINED SPACE

**JPR:** NFPA 1006-2013 edition, Section 7.1.3

**Reference:** CMC, Confined Space Entry and Rescue Manual, Revised 2nd Edition

Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition

**Candidate Equipment Required:** Proper PPE, confined space prop, confined space rescue tool kit, detection and monitoring equipment, safety, communication, and operational protocols.

**Evaluator Equipment Required:** Proper PPE

#### **Read to Candidate:**

For this skill event, you will enter a confined space, given personal protective equipment; safety, communication, and operational protocols; and a confined space rescue tool kit, so that the victim is contacted, controlled entry is established and maintained, atmosphere is continuously monitored, the victim's mental and physical conditions are further assessed, patient care is initiated, the patient is packaged to restrictions of the space, and patient removal can be initiated.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

#### P-Pass / F-Fail

1st Attempt 2nd attempt

Evaluator's Sig	1	nd attempt
Candidate's Na	Name: Station: P F P	F
	6. Reassessed and confirmed mode of operation as needed.	
	<ul><li>4. Used medical protocols to determine treatment priorities.</li><li>5. Used medical equipment specific to confined space victim nee</li></ul>	eds.
	3. Implemented safety, communication, and operational protocol	s.
	<ol> <li>Selected and used personal protective equipment correctly.</li> <li>Selected and used rescue-related systems and equipment corre</li> </ol>	ctly.
	1 Salacted and used personal protective equipment correctly	

#### PACKAGE VICTIM FOR REMOVAL FROM A CONFINED SPACE

JPR: NFPA 1006-2013 edition, Section 7.1.4

**Reference:** CMC, Confined Space Entry and Rescue Manual, Revised 2nd Edition

Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition

**Candidate Equipment Required:** Proper PPE, confined space prop, confined space rescue tool kit, detection and monitoring equipment, safety, communication, and operational protocols.

**Evaluator Equipment Required:** Proper PPE

#### Read to Candidate:

For this skill event, you will package the victim for removal from a confined space, given a confined space rescue tool kit, so that damage to the rescue/retrieval equipment is prevented, the victim is given the smallest possible profile, and further harm to the victim is minimized.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

#### P-Pass / F-Fail

1st Attempt 2	<ol> <li>Established and maintained C-</li> <li>Packaged victims in harnesses</li> </ol>	, low-profile de	vices, and			. ,
	<ul> <li>3. Recognized and performed base medical conditions.</li> <li>4. Supported respiratory efforts.</li> <li>5. Performed cardiopulmonary respiratory efforts.</li> </ul>			s traum	atic injur	ies and
Candidate	e's Name:	Station: P				
Evaluator'	's Signature:		1st Attempt	2no	l attempt	

### REMOVE ALL ENTRANTS FROM A CONFINED SPACE

**JPR:** NFPA 1006-2013 edition, Section 7.1.5

**Reference:** CMC, Confined Space Entry and Rescue Manual, Revised 2nd Edition

Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition

**Candidate Equipment Required:** Proper PPE, confined space prop, confined space rescue tool kit, detection and monitoring equipment, safety, communication, and operational protocols.

**Evaluator Equipment Required:** Proper PPE

#### **Read to Candidate:**

For this skill event, you will remove all entrants from a confined space, given personal protective equipment, rope and related rescue and retrieval systems, personnel to operate rescue and retrieval systems, and a confined space rescue tool kit, so that internal obstacles and hazards are negotiated, all persons are extricated from a space in the selected transfer device, the victim and rescuers are decontaminated as necessary, and the victim is delivered to the EMS provider.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

#### P-Pass / F-Fail

1st Attempt	2nd attempt		
	1. Selected and used prop	er personal protective equipmen	ıt,
	2. Selected and operated r	rescue and retrieval systems for	victim removal.
	3. Correctly utilized medi	cal equipment as needed.	
	4. Following local protoco	ols, used decontamination equip	ment correctly as needed.
	5. Patient transferred to E	MS provider following applicab	ole local protocols.
Candidat	re's Name:	Station: P F	$P = \frac{F}{2\text{nd attempt}}$
Evaluato	r's Signature:		T.

# SECTION – III CHAPTER 7 – CONFINED SPACE - Level II JOB PERFORMANCE REQUIREMENTS

# PREPLAN A CONFINED SPACE INCIDENT

NFPA 1006-2013 edition, Section 7.2.1

Reference:	CMC, Confined Space Entry and Rescue Manual, Revised 2nd Edition Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition
Candidate E forms	quipment Required: Safety, communication, and operational protocols, preplan
Evaluator E	quipment Required: Proper PPE
and regulation rescue emerge documented, types of entry	didate: event, you will preplan a confined space incident, given applicable guidelines as and a preplan form, so that a standard approach is used during a confined space ency, hazards are recognized and documented, isolation methods are identified and all accesses to the location of the entry opening are identified and documented, all openings are identified and documented, and internal configurations and special as are documented for future rescuer use.
This is not a t steps.	imed event. To pass this station, you must successfully complete 100% of the skill

#### P-Pass / F-Fail

1st Attempt	2nd attempt
	1. Selected and completed appropriate preplan forms.
	2. Form included sketch of confined spaces.
	3. Identified and evaluated various configurations of confined spaces, access points, entry openings, isolation procedures, and energy control locations.  4. Recognized general and site-specific hazards.
	5. All data documented.
	6. Applied all regulatory compliance references.
Candidat	e's Name: Station: P F P F P And attempt
Evaluato	's Signature:

#### ASSESS THE INCIDENT

**JPR:** NFPA 1006-2013 edition, Section 7.2.2

**Reference:** CMC, Confined Space Entry and Rescue Manual, Revised 2nd Edition

Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition

**Candidate Equipment Required:** preplan of the space or size-up information; information from technical resources, and monitoring equipment, and personal protective equipment.

**Evaluator Equipment Required:** Proper PPE

#### **Read to Candidate:**

For this skill event, you will assess the incident, given a preplan of the space or size-up information, information from technical resources, monitoring equipment, and personal protective equipment required to perform the assessment, so that general area and space-specific hazards are identified, bystanders and victims are interviewed, immediate and ongoing monitoring of the space is performed, the victims' conditions and location are determined, a risk—benefit analysis is performed, methods of ingress and egress for rescuer and victims are identified, rescue systems for victim removal are determined, and an emergency means of retrieval for rescue entrants is established.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

#### P-Pass / F-Fail

1st Attempt	2nd attempt
	1. Selected and interpreted preplan and size-up information.
	2. Conducted interviews as applicable.
	3. Selected and utilized appropriate personal protective equipment.
	4. Operated monitoring equipment as needed.
	5. Identified hazard mitigation options.
	6. Identified probable victim location.
	7. Performed risk-benefit analysis.
	8. Recognized characteristics and hazards of confined spaces.
	9. Evaluated specific rescue systems for entry and retrieval of rescuers and
	victims during confined space incidents.
Candidat	e's Name: Station: P F P F
	1st Attempt 2nd attempt
Evaluatoı	's Signature:

#### CONTROL HAZARDS

**JPR:** NFPA 1006-2013 edition, Section 7.2.3

**Reference:** CMC, Confined Space Entry and Rescue Manual, Revised 2nd Edition

Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition

**Candidate Equipment Required:** preplan of the space or size-up information; information from technical resources, and monitoring equipment, and personal protective equipment.

**Evaluator Equipment Required:** Proper PPE

#### Read to Candidate:

For this skill event, you will control hazards, given personal protective equipment and a confined space tool kit, so that the rescue area is established; access to the incident scene is controlled; rescuers are protected from exposure to hazardous materials and atmospheres, all forms of harmful energy releases, and physical hazards; and victims are protected from further harm.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

#### P-Pass / F-Fail

1st Attempt	2nd attempt
	1. Selected and utilized appropriate personal protective equipment.
	2. Placed scene control barriers.
	3. Operated monitoring equipment as needed.
	4. Isolated dangerous forms of energy.
	5. Mitigated physical and atmospheric hazards.
	Station: P F F Pand attempt Statempt St

# **CONFINED SPACE RESCUER TRAINING RECORD - NFPA 1006; 2013 Standard** Chapter 7 – Level I

PRINT NAME:	LAST 4 of SSN:	DEPARTMENT:

CECTION		AINING ECORD	Ţ		-HOUSE MP. EXA		MANIBULATIVE CIZILL DEMONSTRATE	CORRESPONDING
SECTION	DATE	INST	HRS	DATE	INST	P/F	MANIPULATIVE SKILL - DEMONSTRATE SKI	
Pre-Requisite							SECTIONS 5.2 THROUGH 5.5 OF NFPA 1006	Section I
							CONDUCT MONITORING OF THE ENVIRONMENT	1
Chantar 7							PREPARE FOR ENTRY INTO THE CONFINED SPACE	2
Chapter 7							ENTER INTO THE CONFINED SPACE	3
LEVEL I							PACKAGE VICTIM FOR REMOVAL FROM A CONFINED SPACE	4
							REMOVE ALL ENTRANTS FROM A CONFINED SPACE	5

# **CONFINED SPACE RESCUER TRAINING RECORD - NFPA 1006; 2013 Standard** Chapter 7 – Level II

PRINT NAME:	LAST 4 of SSN:	DEPARTMENT:

	TRAINING			IN-HOUSE			MANIPULATIVE SKILL - DEMONSTRATE	
SECTION	RECORD			COMP. EXAM				CORRESPONDING SKILL SHEET
	DATE	INST	HRS	DATE	INST	P/F		SKILL SHEET
Pre-Requisite							CHAPTER 7 – LEVEL I	
Chapter 7							PREPLAN A CONFINED SPACE INCIDENT	1
							ASSESS THE INCIDENT	2
LEVEL II							CONTROL HAZARDS	3

# SECTION – IV CHAPTER 8 – TRENCH RESCUE - Level I JOB PERFORMANCE REQUIREMENTS

#### CONDUCT A SIZE-UP OF A COLLAPSED TRENCH

**JPR:** NFPA 1006-2013 edition, Section 8.1.1

**Reference:** -Jones and Bartlett, Trench Rescue: Principles and Practice to NFPA 1006 and 1670, 3rd

Edition

Candidate Equipment Required: Appropriate PPE

Evaluator Equipment Required: Appropriate PPE

#### **Read to Candidate:**

For this skill event, you will conduct a size-up of a collapsed trench, given an incident and background information and applicable reference material, so that the size-up is conducted within the scope of the incident management system; the existing and potential conditions are evaluated within the trench and the rescue area; general hazards are identified; a witness or "competent person" is secured; the probability of victim existence, number, condition, and location is determined; potential for rapid, nonentry rescues or victim self-rescue is recognized; needed personnel, supply, and equipment resources are evaluated; and utility involvement and location are determined.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

st Attempt 2nd	attempt
	1. Dimensions of the trench are determined.
	2. Determined category of soil.
	3. Identified type and degree of collapse.
	4. Identified severe environmental conditions with implications for
	secondary collapse and victim survivability.
	5. Interviewed witnesses ("competent persons").
	6. Implemented protocols and resource acquisition agreements.
	7. Notified public works for utility location.
	8. Performed a risk—benefit analysis to identify response mode.
	9. Implemented incident command system.
	10. Applied appropriate regulations, policies, and standards.
Candidate's 1	Name: Station: P F P F
- 1 · 1 ·	1st Attempt 2nd attempt
Evaluator's S	signature:

#### IMPLEMENT A TRENCH EMERGENCY ACTION PLAN

**JPR:** NFPA 1006-2013 edition, Section 8.1.2

**Reference:** -Jones and Bartlett, Trench Rescue: Principles and Practice to NFPA 1006 and 1670, 3rd

Edition

Candidate Equipment Required: Appropriate PPE

Evaluator Equipment Required: Appropriate PPE

#### Read to Candidate:

For this skill event, you will implement a trench emergency action plan, given size-up information and a trench incident, so that initial size-up information is utilized; pre-briefing is given to rescuers; documentation is ongoing; the collapse zone is established; a risk—benefit analysis is conducted; rapid, nonentry rescues or victim self-rescues are performed; the rescue area and general area are made safe; strategy and tactics are confirmed and initiated for existing and potential conditions; rapid intervention team and operational tasks are assigned; other hazards are mitigated; rescue resources are staged; and a protective system is being utilized. You MUST verbally describe those skills which cannot be accomplished hands on.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

st Attempt	2nd attempt
	1. Used and documented tactical worksheets.
	2. Disseminated information to rescue team.
	3. Successfully described mechanics and extent of collapse effects.
	4. Performed risk—benefit analysis.
	5. Performed rapid, nonentry rescues as needed.
	6. Mitigated hazards by isolation, removal, or control.
	7. Chose strategy and tactics that enhanced successful outcome.
	8. Implemented incident management system and resource staging.
	9. Applied isolation and/or protective system promptly to surround victim.
Candidat	e's Name: Station: P F P F
Evaluato	r's Signature: 1st Attempt 2nd attempt

#### IMPLEMENT SUPPORT OPERATIONS AT TRENCH EMERGENCIES

**JPR:** NFPA 1006-2013 edition, Section 8.1.3

**Reference:** -Jones and Bartlett, Trench Rescue: Principles and Practice to NFPA 1006 and 1670, 3rd

Edition

Candidate Equipment Required: Appropriate PPE

Evaluator Equipment Required: Appropriate PPE

#### **Read to Candidate:**

For this skill event, you will be given an assignment, and equipment and other resources, so that a resource cache is managed, scene lighting is provided for the tasks to be undertaken, environmental concerns are managed, a cut station is established, supplemental power is provided for all equipment, atmospheric monitoring and ventilation are implemented, personnel rehab is facilitated, operations proceed without interruption, extrication methods are in place, and the support operations facilitate rescue operational objectives. You MUST verbally describe those skills which cannot be accomplished hands on.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

1st Attempt	2nd attempt	
•	1. Managed equipment inventory.	
	<ol> <li>Established power supply.</li> <li>Acquired and established appropriate lighting.</li> <li>Choose and deployed dewatering techniques.</li> <li>Acquired or constructed shelter and thermal protection.</li> <li>Selected rehab areas and set-up personnel rotations.</li> <li>Operated atmospheric monitoring and ventilation equipment.</li> <li>Performed patient packaging and removal.</li> </ol>	
Candidate Evaluator	's Name: Station: P F P F s Signature:	

#### SUPPORT A NONINTERSECTING STRAIGHT WALL TRENCH

**JPR:** NFPA 1006-2013 edition, Section 8.1.4

**Reference:** -Jones and Bartlett, Trench Rescue: Principles and Practice to NFPA 1006 and 1670, 3rd

Edition

Candidate Equipment Required: Appropriate PPE

Evaluator Equipment Required: Appropriate PPE

#### Read to Candidate:

For this skill event, you will support a nonintersecting straight wall trench of 2.4 m (8 ft) or less as a member of a team, given size-up information, an action plan, a trench tool kit, and an assignment, so that strategies to minimize the further movement of soil are implemented effectively; trench walls, lip, and spoil pile are monitored continuously; rescue entry team(s) remains in a safe zone; any slough-in and wall shears are mitigated; emergency procedures and warning systems are established and understood by participating personnel; incident-specific personal protective equipment is utilized; physical hazards are identified and managed; victim and rescuer protection is maximized; victim extrication methods are considered; and a rapid intervention team is staged. You MUST verbally describe those skills which cannot be accomplished hands on.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

1st Attempt	2nd attempt
	1. Interpreted tabulated data information and tables.
	2. Placed shoring and shielding systems appropriately
	3. Installed supplemental shoring appropriately.
	4. Established emergency protocols and warning systems.
	5. Chose appropriate methods to stabilize trench.
	6. Properly used personal protective equipment.
	7. Anticipated extrication logistics (verbalized).
	8. Safe zone identified.
Candidat	e's Name: F F F
<b>.</b>	1st Attempt 2nd attempt
Evaluato	r's Signature:

#### RELEASE A VICTIM FROM SOIL ENTRAPMENT

**JPR:** NFPA 1006-2013 edition, Section 8.1.5

**Reference:** -Jones and Bartlett, Trench Rescue: Principles and Practice to NFPA 1006 and 1670, 3rd

Edition

Candidate Equipment Required: Appropriate PPE

Evaluator Equipment Required: Appropriate PPE

#### **Read to Candidate:**

For this skill event, you will release a victim from soil entrapment by components of a nonintersecting collapsed trench of 2.4 m (8 ft) or less in depth, given personal protective equipment, a trench rescue tool kit, and specialized equipment, so that hazards to rescue personnel and victims are minimized, considerations are given to crush syndrome and other injuries, techniques are used to enhance patient survivability, tasks are accomplished within projected time frames, and techniques do not compromise the integrity of the existing trench shoring system. You MUST verbally describe those skills which cannot be accomplished hands on.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

1st Attempt	2nd attempt		
	1. Selected, used, and care	ed for personal protective equipm	nent.
	2. Operated rescue tools a	and stabilization systems.	
	3. Identified crush syndrome clinical settings.		
	4. Completed risk–benefit time restraints.	t assessments for selected metho	ds of rescue and
Candidat	re's Name:	Station: P F	P F 2nd attempt
Evaluato	r's Signature:	Tot Tittempt	2nd accompt

# REMOVE A VICTIM FROM A TRENCH

JPR:	NFPA 1006-2013 edition, Section 8.1.6
Reference:	-Jones and Bartlett, Trench Rescue: Principles and Practice to NFPA 1006 and 1670, 3rd Edition
Candidate Ed	quipment Required: Appropriate PPE
Evaluator Eq	uipment Required: Appropriate PPE
first aid kit, ar required, the v selected are co protect person medical mana hands on.	lidate: Event, you will remove a victim from a trench, given a disentangled victim, a basic and victim packaging resources, so that basic life functions are supported as victim is evaluated for signs of crush syndrome, methods and packaging devices compatible with intended routes of transfer, universal precautions are employed to nel from bloodborne pathogens, and extraction times meet time constraints for gement. You MUST verbally describe those skills which cannot be accomplished med event. To pass this station, you must successfully complete 100% of the skill
P-Pass / F-Fa	il
1st Attempt 2nd atte	<ol> <li>Selected, used, and cared for personal protective equipment.</li> <li>Provided basic medical care and immobilization techniques.</li> <li>Identified the need for advanced life support and crush syndrome management.</li> <li>Used a removal system that matches logistical and medical management time frame concerns.</li> </ol>
	me: Station: P F P F 1st Attempt P F
Evaluator's Sig	nature:

# Trench Rescue Level I Skills Assessment

## **Skill Sheet #7**

# DISASSEMBLE SUPPORT SYSTEMS AT A TRENCH EMERGENCY INCIDENT

NFPA 1006-2013 edition, Section 8.1.7

JPR:

Reference:	-Jones and Bartlett, Trench Rescue: Principles and Practice to NFPA 1006 a Edition	and 1670, 3rd
Candidate Ed	Equipment Required: Appropriate PPE	
Evaluator Eq	Equipment Required: Appropriate PPE	
personal prote minimized, all in the reverse adhered to, res free with rope performed. Y	event, you will disassemble support systems at a trench emergency incitective equipment, trench tool kit, and removal of victim(s), so that soil all rescue equipment is removed from the trench, sheeting and shoring are order of their placement, emergency protocols and safe zones in the treescue personnel are removed from the trench, the last supporting shores sees, equipment is cleaned and serviced, reports are completed, and a post You MUST verbally describe those skills which cannot be accomplished timed event. To pass this station, you must successfully complete 100%	movement is re removed ench are are pulled t briefing is d hands on.
1st Attempt 2nd atte	<ol> <li>Selected, used, and cared for personal protective equipment.</li> <li>Removed equipment and protective systems.</li> </ol>	
Candidate's Na	Name: Station: P F P I and atter	
Evaluator's Sig		ī.

# SECTION – IV CHAPTER 8 – TRENCH RESCUE - Level II JOB PERFORMANCE REQUIREMENTS

#### SUPPORT AN INTERSECTING TRENCH

**JPR:** NFPA 1006-2013 edition, Section 8.2.1

**Reference:** -Jones and Bartlett, Trench Rescue: Principles and Practice to NFPA 1006 and 1670, 3rd

Edition

Candidate Equipment Required: Appropriate PPE

Evaluator Equipment Required: Appropriate PPE

#### Read to Candidate:

For this skill event, you will support an intersecting trench as a member of a team, given size-up information and an action plan, a trench tool kit, and an assignment, so that strategies to minimize the further movement of soil are implemented effectively; trench walls, lip, and spoil pile are monitored continuously; rescue entry team(s) in the trench remains in a safe zone; any slough-in and wall shears are mitigated; emergency procedures and warning systems are established and understood by participating personnel; incident-specific personal protective equipment is utilized; physical hazards are identified and managed; victim protection is maximized; victim extrication methods are considered; and a rapid intervention team is staged. You MUST verbally describe those skills which cannot be accomplished hands on.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

1st Attempt	2nd attempt
	1. Interpreted tabulated data information and tables.
	2. Placed shoring and shielding systems appropriately
	3. Identified type of intersecting trench.
	4. Established emergency protocols and warning systems.
	5. Chose appropriate methods to stabilize trench.
	6. Properly used personal protective equipment.
	7. Anticipated extrication logistics (verbalized).
	8. Safe zone identified.
Candidat	's Name: Station: P F P F Pad attempt
Evaluato	's Signature:

#### INSTALL SUPPLEMENTAL SHEETING AND SHORING

**JPR:** NFPA 1006-2013 edition, Section 8.2.2

Reference: -Jones and Bartlett, Trench Rescue: Principles and Practice to NFPA 1006 and 1670, 3rd

Edition

Candidate Equipment Required: Appropriate PPE

Evaluator Equipment Required: Appropriate PPE

#### **Read to Candidate:**

For this skill event, you will install supplemental sheeting and shoring for each 2 ft (0.61 m) of depth dug below an existing approved shoring system, given size-up information, an action plan, and a trench tool kit, so that the movement of soil is minimized effectively, initial trench support strategies are facilitated, rescue entry team safe zones are maintained, excavation of entrapping soil is continued, victim protection is maximized, victim extrication methods are considered, and a rapid intervention team is staged. You MUST verbally describe those skills which cannot be accomplished hands on.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

1st Attempt	2nd attempt		
	1. Interpreted tabulated data information and tables.		
	2. Placed shoring and shielding systems appropriately.		
	3. Identified supplemental sheeting and shoring needs.		
	4. Established emergency protocols and warning systems.		
	5. Chose appropriate methods to stabilize trench.		
	6. Identified exposure to hazards within the trench relative to existing safe zones.		
	7. Properly used personal protective equipment.		
	8. Anticipated extrication logistics (verbalized).		
Candidate			
Evaluator	's Signature: 1st Attempt 2nd attempt		

# CONSTRUCT LOAD STABILIZATION SYSTEMS

JPK:	NFPA 1006-2013 edition, Section 8.2.3
Reference:	-Jones and Bartlett, Trench Rescue: Principles and Practice to NFPA 1006 and 1670, 3rd Edition
Candidate E	quipment Required: Appropriate PPE
Evaluator E	quipment Required: Appropriate PPE
protective equality safely, the sys	didate: event, you will construct load stabilization systems, given an assignment, personal uipment, and a trench tool kit, so that the stabilization system will support the load stem is stable, and the assignment is completed. You MUST verbally describe those cannot be accomplished hands on.
This is not a t steps.	timed event. To pass this station, you must successfully complete 100% of the skill
P-Pass / F-Fa	ail
1st Attempt 2nd att	<ol> <li>Selected and constructed stabilization system.</li> <li>Evaluated and determined structural integrity of the system.</li> <li>Calculated the load limit of the system.</li> </ol>
Candidate's Na	ame: Station: PF PF Ist Attempt PF Pand attempt
Evaluator's Sig	anature.

# LIFT A LOAD

JPR:	NFPA 1006-2013 edition, Section 8.2.4
Reference:	-Jones and Bartlett, Trench Rescue: Principles and Practice to NFPA 1006 and 1670, 3rd Edition
Candidate Ed	quipment Required: Appropriate PPE
Evaluator Eq	uipment Required: Appropriate PPE
required distantial stabilization a attained. You	didate: event, you will Lift a load, given a trench tool kit, so that the load is lifted the nee to gain access; settling or dropping of the load is prevented; control and re maintained before, during, and after the lift; and operational objectives are MUST verbally describe those skills which cannot be accomplished hands on.  Indeed event. To pass this station, you must successfully complete 100% of the skill
P-Pass / F-Fa	il
1st Attempt 2nd atte	<ol> <li>Evaluated and estimated the weight of the load.</li> <li>Correctly operated tools and levers.</li> <li>Applied load stabilization systems.</li> </ol>
Candidate's Na	me: Station: P F P F 2nd attempt
Evaluator's Sig	

# COORDINATE THE USE OF HEAVY EQUIPMENT

JPR: NFPA 1006-2013 edition, Section 8.2.5 **Reference:** 

-Jones and Bartlett, Trench Rescue: Principles and Practice to NFPA 1006 and 1670, 3rd

Edition

Candidate Equipment Required: Appropriate PPE

Evaluator Equipment Required: Appropriate PPE

#### **Read to Candidate:**

For this skill event, you will coordinate the use of heavy equipment, given personal protective equipment, means of communication, equipment and operator, and an assignment, so that operator capabilities and limitations for task are evaluated, common communications are maintained, equipment usage supports the operational objectives, and hazards are avoided. You MUST verbally describe those skills which cannot be accomplished hands on.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

1st Attempt	2nd attempt
	1. Correctly used hand signals.
	2. Correctly used radio equipment.
	3. Recognized hazards.
	4. Assessed operator for skill and calm demeanor.
	5. Assessed heavy equipment for precision of movement and maintenance.
	6. Monitored rescuer and victim safety.
	7. Properly used personal protective equipment.
Candidat	's Name: Station: P F P F
	1st Attempt 2nd attempt
Evaluato	s Signature:

# RELEASE A VICTIM FROM ENTRAPMENT BY COMPONENTS OF A COLLAPSED TRENCH

**JPR:** NFPA 1006-2013 edition, Section 8.2.6

**Reference:** -Jones and Bartlett, Trench Rescue: Principles and Practice to NFPA 1006 and 1670, 3rd

Edition

Candidate Equipment Required: Appropriate PPE

Evaluator Equipment Required: Appropriate PPE

#### Read to Candidate:

For this skill event, you will release a victim from entrapment by components of a collapsed trench, given personal protective equipment, a trench rescue tool kit, and specialized equipment, so that hazards to rescue personnel and victims are minimized, considerations are given to crush syndrome and other injuries, techniques are used to enhance patient survivability, tasks are accomplished within projected time frames, and techniques do not compromise the integrity of the existing trench shoring system. You MUST verbally describe those skills which cannot be accomplished hands on.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

1st Attempt	2nd attempt					
	<ol> <li>Selected, used, and cared for pers</li> <li>Operated rescue tools and stabiliz</li> <li>Identified crush syndrome clinica</li> <li>Completed risk-benefit assessmentime restraints.</li> </ol>	ation systems.  I settings.		escue a	nd	
Candidate	e's Name:	Station: P	F F	$P_{\frac{2n}{2n}}$	F	
Evaluator	's Signature:		15t 1 mpt	211	a allempt	

# TRENCH RESCUER TRAINING RECORD - NFPA 1006; 2013 Standard Chapter 8– Level I

PRINT NAME: LAS	ST 4 of SSN:I	DEPARTMENT:
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SECTION		TRAINING RECORD		IN-HOUSE COMP. EXAM			MANIPULATIVE SKILL - DEMONSTRATE	CORRESPONDING
	DATE	INST	HRS	DATE	INST	P/F		SKILL SHEET
Pre-Requisite								
							CONDUCT A SIZE-UP OF A COLLAPSED TRENCH	1
							IMPLEMENT A TRENCH EMERGENCY ACTION PLAN	2
Chapter 8							IMPLEMENT SUPPORT OPERATIONS AT TRENCH EMERGENCIES	3
LEVEL I							SUPPORT A NONINTERSECTING STRAIGHT WALL TRENCH	4
							RELEASE A VICTIM FROM SOIL ENTRAPMENT	5
							REMOVE A VICTIM FROM A TRENCH	6
							DISASSEMBLE SUPPORT SYSTEMS AT A TRENCH EMERGENCY INCIDENT	7

# TRENCH RESCUER TRAINING RECORD - NFPA 1006; 2013 Standard Chapter 8 –Level II

SECTION		TRAINING RECORD			IN-HOUSE  COMP. EXAM MANIPU		MANIPULATIVE SKILL - DEMONSTRATE	CORRESPONDING SKILL SHEET
	DATE	INST	HRS	DATE	INST	P/F		SKILL SHEET
Pre-Requisite								
							SUPPORT AN INTERSECTING TRENCH	1
							INSTALL SUPPLEMENTAL SHEETING AND SHORING	2
Chapter 8							CONSTRUCT LOAD STABILIZATION SYSTEMS	3
LEVEL II							LIFT A LOAD	4
							COORDINATE THE USE OF HEAVY EQUIPMENT	5
							RELEASE A VICTIM FROM ENTRAPMENT BY COMPONENTS OF A COLLAPSED TRENCH	6

# SECTION – V CHAPTER 9 – STRUCTURAL COLLAPSE - Level I JOB PERFORMANCE REQUIREMENTS

#### CONDUCT A SIZE-UP OF A LIGHT FRAME COLLAPSED STRUCTURE

**JPR:** NFPA 1006-2013 edition, Section 9.1.1

**Reference:** -FEMA National US & R Response System, Structural Collapse Technician

-Jones and Bartlett, Brannigan's Building Construction for the Fire Service, 4th Edition

-Jones and Barlett Learning, Emergency Medical Responder, 5th Edition

Candidate Equipment Required: Appropriate PPE

**Evaluator Equipment Required:** Appropriate PPE

#### **Read to Candidate:**

For this skill event, you will conduct a size-up of a light frame collapsed structure, given an incident and specific incident information, so that existing and potential conditions within the structure and the immediate periphery are evaluated, needed resources are defined, hazards are identified, construction and occupancy types are determined, collapse type is identified if possible, the need for rescue is assessed, a scene security perimeter is established, and the size-up is conducted within the scope of the incident management system. You MUST verbally describe those skills which cannot be accomplished hands on.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

#### P-Pass / F-Fail

1st Attempt 2nd attempt

1st Attempt	2nd attempt								
	1.	Categorized	light frame	constructi	on type.				
	2.	Evaluated st	ructural stab	oility and	scene haza	rds.			
	3.	Implemented	d resource a	nd securit	y (scene m	anagement	) protoc	ols.	
Candidat	e's Name:				Station: P	F	P	F	
Candida	e s maille.				Station, F	1st Attempt		F d attempt	_
Evaluato	r's Signatı	ıre:				15t / tuempt	210	а инстр	

# DETERMINE POTENTIAL VICTIM LOCATIONS IN LIGHT FRAME CONSTRUCTION COLLAPSE INCIDENTS

**JPR:** NFPA 1006-2013 edition, Section 9.1.2

**Reference:** -FEMA National US & R Response System, Structural Collapse Technician

-Jones and Bartlett, Brannigan's Building Construction for the Fire Service, 4th Edition

-Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition

Candidate Equipment Required: Appropriate PPE

**Evaluator Equipment Required:** Appropriate PPE

#### Read to Candidate:

For this skill event, you will determine potential victim locations in light frame construction collapse incidents, given size-up information, a structural collapse tool kit, the type of construction and occupancy, time of day, and collapse pattern, so that search areas are stablished and victims can be located. You MUST verbally describe those skills which cannot be accomplished hands on.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

1st Attempt	2nd attempt					
	1. Correctly interpreted size-up info	rmation.				
	2. Correctly used occupancy classifi	ication informati	on.			
	3. Correctly used search devices.					
	4. Assessed and categorized type of	collapse.				
Candidat	te's Name:	Station: P _	F	P	F	_
Evaluato	or's Signature:		1st Attempt	2no	d attempt	

#### DEVELOP A COLLAPSE RESCUE INCIDENT ACTION PLAN

**JPR:** NFPA 1006-2013 edition, Section 9.1.3

**Reference:** -FEMA National US & R Response System, Structural Collapse Technician

-Jones and Bartlett, Brannigan's Building Construction for the Fire Service, 4th Edition

-Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition

Candidate Equipment Required: Appropriate PPE

**Evaluator Equipment Required:** Appropriate PPE

#### **Read to Candidate:**

For this skill event, you will develop a collapse rescue incident action plan, given size-up information and a light frame collapsed structure, so that initial size-up information is utilized, an incident management system is incorporated, existing and potential conditions within the structure and the immediate periphery are included, specialized resource needs are identified, work perimeters are determined, collapse type/category and associated hazards are identified, construction and occupancy types are determined, incident objectives are established, and scene security measures are addressed. You MUST verbally describe those skills which cannot be accomplished hands on.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

	<ol> <li>Correctly interpreted size-up info</li> <li>Correctly implemented an incider</li> </ol>		ctam			
	• •	•				
	3. Monitored changing conditions s	•	ient.			
	4. Determine construction and occu					
	5. Identified specific incident securi	ty requirements.				
	6. Create written documentation.					
Candidate's N	ame:	Station: P	F	P	F	
		1:	st Attempt	2nd	d attempt	
Evaluator's Si	gnature:					

#### IMPLEMENT A COLLAPSE RESCUE INCIDENT ACTION PLAN

**JPR:** NFPA 1006-2013 edition, Section 9.1.4

**Reference:** -FEMA National US & R Response System, Structural Collapse Technician

-Jones and Bartlett, Brannigan's Building Construction for the Fire Service, 4th Edition

-Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition

Candidate Equipment Required: Appropriate PPE

Evaluator Equipment Required: Appropriate PPE

#### **Read to Candidate:**

For this skill event, you will implement a collapse rescue incident action plan, given an action plan and a light frame collapsed structure, so that pertinent information is used, an incident management system is established and implemented, monitoring of dynamic conditions internally and externally is established, specialized resources are requested, hazards are mitigated, victim rescue and extraction techniques are consistent with collapse and construction

type, and perimeter security measures are established. You MUST verbally describe those skills which cannot be accomplished hands on.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

#### P-Pass / F-Fail

1st Attempt 2nd attempt

	<ol> <li>Correctly implement the component</li> <li>Correctly implemented an incident of</li> <li>Initiated hazard mitigation objective</li> <li>Requested specialized resources as of</li> <li>Initiated rescue objectives.</li> <li>Demonstrated perimeter security me</li> </ol>	management es. needed.	•	llapse i	ncident.	
Candidate's Na Evaluator's Sig		_ Station: P	Ist Attempt	P	F d attempt	_
Evaluator's Sig	nature:		1st Attempt	210	a attempt	

#### SEARCH A LIGHT FRAME COLLAPSED STRUCTURE

JPR: NFPA 1006-2013 edition, Section 9.1.5

**Reference:** -FEMA National US & R Response System, Structural Collapse Technician

-Jones and Bartlett, Brannigan's Building Construction for the Fire Service, 4th Edition

-Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition

Candidate Equipment Required: Appropriate PPE

**Evaluator Equipment Required:** Appropriate PPE

#### **Read to Candidate:**

For this skill event, you will search a light frame collapsed structure, given personal protective equipment, the structural collapse tool kit, an assignment, operational protocols, and size-up information, so that all victim locations and potential hazards are identified, marked, and reported; protocols are followed; the mode of operation can be determined; and rescuer

safety is maintained. You MUST verbally describe those skills which cannot be accomplished hands on.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

#### P-Pass / F-Fail

1st Attempt 2nd attempt

1st Attempt 2nd at	ttempt			
	1. Correctly implemented an incident mana	gement system.		
	2. Applied appropriate search techniques			
	3. Used appropriate marking systems.			
	4. Identified and mitigated hazards.			
	5. Selected and used appropriate victim loca	ating devices.		
Candidate's N	<del></del>	ation: P F	P	F attempt
Evaluator's Si	ignature:			

#### STABILIZE A COLLAPSED LIGHT FRAME STRUCTURE AS A MEMBER OF A TEAM

**JPR:** NFPA 1006-2013 edition, Section 9.1.6

**Reference:** -FEMA National US & R Response System, Structural Collapse Technician

-Jones and Bartlett, Brannigan's Building Construction for the Fire Service, 4th Edition

-Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition

Candidate Equipment Required: Appropriate PPE

Evaluator Equipment Required: Appropriate PPE

#### **Read to Candidate:**

For this skill event, you will stabilize a collapsed light frame structure as a member of a team, given size-up information, a specific pattern of collapse, a basic structural collapse tool kit, and an assignment, so that strategies to effectively minimize the movement of structural components are identified and implemented; hazard warning systems are established and understood by participating personnel; incident-specific personal protective equipment is identified, provided, and utilized; physical hazards are identified; confinement, containment, and avoidance measures

are discussed; and a rapid intervention team is established and staged. You MUST verbally describe those skills which cannot be accomplished hands on.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

#### P-Pass / F-Fail

1 st Attampt 2nd attampt

18t Attempt 2nd a	ttempt
	1. Selected and constructed shoring systems for collapses in light frame structures
	2. Used personal protective equipment.
	3. Performed structural load calculations.
	4. Determined resource needs.
	5. Selected and operate basic and specialized tools and equipment.
	6. Implemented communications and safety protocols.
	7. Mitigated specific hazards associated with shoring tasks.
Candidate's N	Jame: Station: P F P F
	1st Attempt 2nd attempt
Evaluator's S	ignature:

# IMPLEMENT COLLAPSE SUPPORT OPERATIONS AT A RESCUE **INCIDENT**

-FEMA National US & R Response System, Structural Collapse Technician

-Jones and Bartlett, Brannigan's Building Construction for the Fire Service, 4th Edition

NFPA 1006-2013 edition, Section 9.1.7

Evaluator's Signature:

JPR:

**Reference:** 

Candidate Equipment Required: Appropriate PPE  Read to Candidate: For this skill event, you will implement collapse support operations at a rescue incident, given an assignment and available resources, so that scene lighting is adequate for the tasks to be undertaken, environmental concerns are managed, personnel rehabilitation is facilitated, and the support operations facilitate rescue operational objectives. You MUST verbally describe those skills which cannot be accomplished hands on.  This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.  P-Pass / F-Fail	-Jones and Bartlett Learnin	g, Emergency Medical Responder, 5th Edition
Read to Candidate:  For this skill event, you will implement collapse support operations at a rescue incident, given an assignment and available resources, so that scene lighting is adequate for the tasks to be undertaken, environmental concerns are managed, personnel rehabilitation is facilitated, and the support operations facilitate rescue operational objectives. You MUST verbally describe those skills which cannot be accomplished hands on.  This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.  P-Pass / F-Fail    Standard   1. Managed resources   2. Established scene lighting.   3. Initiated environmental controls.	Candidate Equipment Required: App	propriate PPE
For this skill event, you will implement collapse support operations at a rescue incident, given an assignment and available resources, so that scene lighting is adequate for the tasks to be undertaken, environmental concerns are managed, personnel rehabilitation is facilitated, and the support operations facilitate rescue operational objectives. You MUST verbally describe those skills which cannot be accomplished hands on.  This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.  P-Pass / F-Fail  Ist Attempt 2nd attempt	Evaluator Equipment Required: App.	ropriate PPE
	For this skill event, you will implement available resources, so that scene lighting managed, personnel rehabilitation is fact You MUST verbally describe those skill. This is not a timed event. To pass this start is not a timed event. To pass this start is Attempt 2nd attempt 2nd attempt 2nd attempt 2. Established scene lighting 3. Initiated environmental of	ag is adequate for the tasks to be undertaken, environmental concerns are ilitated, and the support operations facilitate rescue operational objectives. Is which cannot be accomplished hands on.  Eation, you must successfully complete 100% of the skill steps.

1st Attempt

2nd attempt

# RELEASE A VICTIM FROM ENTRAPMENT BY COMPONENTS OF A LIGHT FRAME COLLAPSED STRUCTURE

**JPR:** NFPA 1006-2013 edition, Section 9.1.8

**Reference:** -FEMA National US & R Response System, Structural Collapse Technician

-Jones and Bartlett, Brannigan's Building Construction for the Fire Service, 4th Edition

-Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition

Candidate Equipment Required: Appropriate PPE

Evaluator Equipment Required: Appropriate PPE

#### Read to Candidate:

For this skill event, you will release a victim from entrapment by components of a light frame collapsed structure, given personal protective equipment and resources for breaching, breaking, lifting, prying, shoring, and/or otherwise moving or penetrating the offending structural component, so that hazards to rescue personnel and victims are minimized, considerations are given to crush syndrome, techniques enhance patient survivability, tasks are accomplished within projected time frames, and techniques do not compromise the integrity of the existing structure or structural support systems. You MUST verbally describe those skills which cannot be accomplished hands on.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

#### P-Pass / F-Fail

1st Attempt 2nd attempt

	<ol> <li>Selected, used, and cared for personal protective equipment.</li> <li>Operated rescue tools and stabilization systems.</li> </ol>
	3. Recognized crush syndrome indicators.
	4. Completed risk—benefit assessments for selected methods of rescue and time constraints.
Candidate's N	1st Attempt 2nd attempt
Evaluator's Si	nature:

#### REMOVE A VICTIM FROM A LIGHT FRAME COLLAPSE INCIDENT

**JPR:** NFPA 1006-2013 edition, Section 9.1.9

**Reference:** -FEMA National US & R Response System, Structural Collapse Technician

-Jones and Bartlett, Brannigan's Building Construction for the Fire Service, 4th Edition

-Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition

Candidate Equipment Required: Appropriate PPE

**Evaluator Equipment Required:** Appropriate PPE

#### **Read to Candidate:**

For this skill event, you will remove a victim from a light frame collapse incident, given a disentangled victim, a basic first aid kit, and victim packaging resources, so that basic life functions are supported as required, victim is evaluated for signs of crush syndrome, advanced life support is called if needed, methods and packaging devices selected are compatible with intended routes of transfer, universal precautions are employed to protect personnel from bloodborne pathogens, and extraction times meet time constraints for medical management. You MUST verbally describe those skills which cannot be accomplished hands on.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

1st Attempt	2nd attempt
	1. Selected, used, and cared for personal protective equipment.
	2. Performed basic prehospital care of soft-tissue injuries as needed.
	3. Performed fracture stabilization as needed.
	4. Performed airway maintenance techniques as needed.
	4. Performed cardiopulmonary resuscitation as needed.
	4. Selected and used appropriate patient packaging equipment.
Candidate	e's Name: F F F
Evaluator	's Signature: 1st Attempt 2nd attempt

## LIFT A HEAVY LOAD AS A TEAM MEMBER

Candidate's Name: \_\_\_\_\_ Station: P \_\_F \_\_\_ P \_\_F \_\_\_ P \_\_Evaluator's Signature: \_\_\_\_

## MOVE A HEAVY LOAD AS A TEAM MEMBER

NFPA 1006-2013 edition, Section 9.1.11
-FEMA National US & R Response System, Structural Collapse Technician -Jones and Bartlett, Brannigan's Building Construction for the Fire Service, 4th Edition -Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition uipment Required: Appropriate PPE
uipment Required: Appropriate PPE
aipment Required. Appropriate 11 E
idate: vent, you will move a heavy load as a team member, given a structural collapse tool kit, so that the the required distance to gain access and so that control is constantly maintained. You MUST verbally skills which cannot be accomplished hands on.
med event. To pass this station, you must successfully complete 100% of the skill steps.
il en
1. Selected, used, and cared for personal protective equipment. 2. Evaluated and estimated the weight of the load. 3. Constructed and used levers and incline planes. 4. Utilized rigging systems appropriately. 4. Successfully stabilized the load.

Candidate's Name: \_\_\_\_\_ Station: P \_\_F \_\_\_ P \_\_F \_\_\_ P \_\_F \_\_\_ Evaluator's Signature: \_\_\_\_\_

#### BREACH LIGHT FRAME STRUCTURAL COMPONENTS

Reference:	-FEMA National US & R Response System Structural Collapse Technician	

-Jones and Bartlett, Brannigan's Building Construction for the Fire Service, 4th Edition

-Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition

Candidate Equipment Required: Appropriate PPE

NFPA 1006-2013 edition, Section 9.1.12

**Evaluator Equipment Required:** Appropriate PPE

#### **Read to Candidate:**

JPR:

For this skill event, you will breach light frame structural components, given an assignment, personal protective equipment, various types of construction materials, and a structural collapse tool kit, so that the opening supports the rescue objectives, the necessary tools are selected, structural stability is maintained, and the methods utilized are safe and efficient. You MUST verbally describe those skills which cannot be accomplished hands on.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

#### P-Pass / F-Fail

1st Attempt 2nd attempt

	<ol> <li>Selected, used, and cared for person</li> <li>Selected and used breaching tools.</li> <li>Appropriately implemented breaching</li> <li>Correctly applied stabilization where</li> </ol>	ng technique	• •	iilding o	constructio	n type.
Candidate's Na Evaluator's Sig		_ Station: P	F1st Attempt	P	Fd attempt	

#### CONSTRUCT CRIBBING SYSTEMS

Reference:	-FEMA National US & R Response System, Structural Collapse Technician	

NFPA 1006-2013 edition, Section 9.1.13

-Jones and Bartlett, Brannigan's Building Construction for the Fire Service, 4th Edition

-Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition

Candidate Equipment Required: Appropriate PPE

**Evaluator Equipment Required:** Appropriate PPE

#### **Read to Candidate:**

JPR:

For this skill event, you will construct cribbing systems, given an assignment, personal protective equipment, a structural collapse tool kit, various lengths and dimensions of construction-grade lumber, wedges, and shims, so that the cribbing system will safely support the load, the system is stable, and the assignment is completed. You MUST verbally describe those skills which cannot be accomplished hands on.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

#### P-Pass / F-Fail

1st Attempt 2nd attempt

	<ol> <li>Selected, used, and cared for personal 2. Selected and constructed cribbing</li> <li>Appropriately evaluated the structure.</li> </ol>	g systems.	• •			
	4. Correctly calculated the load.		•			
	5. Ensured stability of the cribbing	system.				
Candidate's Na	me:	Station: P	F	P	F	_
E142 C:-		1	st Attempt	2no	d attempt	
Evaluator's Sig	nature:					

# $\boldsymbol{SECTION-V}$

# CHAPTER 9 – STRUCTURAL COLLAPSE RESCUE - Level II JOB PERFORMANCE REQUIREMENTS

# CONDUCT A SIZE-UP OF A COLLAPSED HEAVY CONSTRUCTION—TYPE STRUCTURE

**JPR:** NFPA 1006-2013 edition, Section 9.2.1

**Reference:** -FEMA National US & R Response System, Structural Collapse Technician

-Jones and Bartlett, Brannigan's Building Construction for the Fire Service, 4th Edition

-Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition

Candidate Equipment Required: Appropriate PPE

Evaluator Equipment Required: Appropriate PPE

#### **Read to Candidate:**

For this skill event, you will conduct a size-up of a collapsed heavy construction—type structure, given an incident and specific incident information, so that existing and potential conditions within the structure and the immediate periphery are evaluated, needed resources are defined, hazards are identified, construction and occupancy types are determined, collapse type is identified if possible, the need for rescue is assessed, a scene security perimeter is established, and the size-up is conducted within the scope of the incident management system. You MUST verbally describe those skills which cannot be accomplished hands on.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

1st Attempt	2nd attempt					
	1. Categorized light frame	construction type.				
	2. Evaluated structural sta	bility and scene hazards				
	3. Implemented resource a	and security (scene mana	agement	) protoc	ols.	
C 1: 1 . 4	4.2. N.	G4-4' D	Б	D	Е	
Candidai	te's Name:	Station: P	F	$\frac{P}{2nc}$	F d attempt	-
Evaluato	or's Signature:		p·		P*	

# DETERMINE POTENTIAL VICTIM LOCATIONS IN A HEAVY CONSTRUCTION—TYPE INCIDENT

**JPR:** NFPA 1006-2013 edition, Section 9.2.2

Reference: -FEMA National US & R Response System, Structural Collapse Technician

-Jones and Bartlett, Brannigan's Building Construction for the Fire Service, 4th Edition

-Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition

Candidate Equipment Required: Appropriate PPE

Evaluator Equipment Required: Appropriate PPE

#### Read to Candidate:

For this skill event, you will determine potential victim locations in heavy construction—type collapse incidents, given size-up information, a structural collapse tool kit, the type of construction and occupancy, time of day, and collapse pattern, so that search areas are stablished and victims can be located. You MUST verbally describe those skills which cannot be accomplished hands on.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

1st Attempt 2	2nd attempt					
	1. Correctly interpreted size-up inform	nation.				
	2. Correctly used occupancy classific	ation informat	on.			
	3. Correctly used search devices.					
	4. Assessed and categorized type of c	ollapse.				
Candidate	's Name:	Station: P _	F	P	F	_
Evaluator'	's Signature:		1st Attempt	2no	d attempt	
Lvaruator	s Signature.					

#### DEVELOP A COLLAPSE RESCUE INCIDENT ACTION PLAN

**JPR:** NFPA 1006-2013 edition, Section 9.2.3

**Reference:** -FEMA National US & R Response System, Structural Collapse Technician

-Jones and Bartlett, Brannigan's Building Construction for the Fire Service, 4th Edition

-Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition

Candidate Equipment Required: Appropriate PPE

Evaluator Equipment Required: Appropriate PPE

#### **Read to Candidate:**

For this skill event, you will develop a collapse rescue incident action plan, given size-up information and a heavy construction—type collapsed structure, so that initial size-up information is utilized, an incident management system is incorporated, existing and potential conditions within the structure and the immediate periphery are included, specialized resource needs are identified, work perimeters are determined, collapse type/category and associated hazards are identified, construction and occupancy types are determined, incident objectives are established, and scene security measures are addressed. You MUST verbally describe those skills which cannot be accomplished hands on.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

1st Attempt	2nd attempt				
	1. Correctly interpreted size-up information	ation.			
	2. Correctly implemented an incident m	nanagement sy	ystem.		
	3. Monitored changing conditions spec	ific to the inci	ident.		
	4. Determine construction and occupan	cy types.			
	5. Identified specific incident security r	equirements.			
	6. Create written documentation.	•			
Candidat	te's Name:	_ Station: P	F	Р	F
		-	1st Attempt	2ne	d attempt
Evaluato:	or's Signature:				

#### IMPLEMENT A COLLAPSE RESCUE INCIDENT ACTION PLAN

**JPR:** NFPA 1006-2013 edition, Section 9.2.4

**Reference:** -FEMA National US & R Response System, Structural Collapse Technician

-Jones and Bartlett, Brannigan's Building Construction for the Fire Service, 4th Edition

-Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition

Candidate Equipment Required: Appropriate PPE

**Evaluator Equipment Required:** Appropriate PPE

#### **Read to Candidate:**

For this skill event, you will implement a collapse rescue incident action plan, given an action plan and a heavy construction—type collapsed structure, so that pertinent information is used, an incident management system is established and implemented, monitoring of dynamic conditions internally and externally is established, specialized resources are requested, hazards are mitigated, victim rescue and extraction techniques are consistent with collapse and construction

type, and perimeter security measures are established. You MUST verbally describe those skills which cannot be accomplished hands on.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

#### P-Pass / F-Fail

1st Attempt 2nd attempt

	<ol> <li>Correctly implement the components of a</li> <li>Correctly implemented an incident manag</li> <li>Initiated hazard mitigation objectives.</li> <li>Requested specialized resources as neede</li> </ol>	gement		llapse i	ncident.
	5. Initiated rescue objectives.				
	6. Demonstrated perimeter security measure	es.			
Candidate's Na	lame: Sta	tion: P	F	P	F
			1st Attempt	2nd	d attempt
Evaluator's Sig	ignature:	_			

## SEARCH A HEAVY CONSTRUCTION-TYPE COLLAPSED STRUCTURE

JPR:	NFPA 1006-2013 edition, Section 9.2.5
Reference:	-FEMA National US & R Response System, Structural Collapse Technician -Jones and Bartlett, Brannigan's Building Construction for the Fire Service, 4th Edition -Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition
Candidate E	quipment Required: Appropriate PPE
<b>Evaluator E</b>	quipment Required: Appropriate PPE
equipment, the victim location operation can safety is main	event, you will search a heavy construction—type collapsed structure, given personal protective he structural collapse tool kit, an assignment, operational protocols, and size-up information, so that all ons and potential hazards are identified, marked, and reported; protocols are followed; the mode of a be determined; and rescuer hazined. You MUST verbally describe those skills which cannot be accomplished hands on.  Stimed event. To pass this station, you must successfully complete 100% of the skill steps.
Candidate's N	ame: Station: PF PF Ist Attempt PF

Evaluator's Signature:

## STABILIZE A COLLAPSED HEAVY CONSTRUCTION-TYPE STRUCTURE AS A MEMBER OF A TEAM

**JPR:** NFPA 1006-2013 edition, Section 9.2.6

Reference: -FEMA National US & R Response System, Structural Collapse Technician

-Jones and Bartlett, Brannigan's Building Construction for the Fire Service, 4th Edition

-Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition

Candidate Equipment Required: Appropriate PPE

Evaluator Equipment Required: Appropriate PPE

#### Read to Candidate:

For this skill event, you will stabilize a collapsed heavy construction—type structure as a member of a team, given size-up information, a specific pattern of collapse, a basic structural collapse tool kit, and an assignment, so that strategies to effectively minimize the movement of structural components are identified and implemented; hazard warning systems are established and understood by participating personnel; incident-specific personal protective equipment is identified, provided, and utilized; physical hazards are identified; confinement, containment, and avoidance measures are discussed; and a rapid intervention team is established and staged. You MUST verbally describe those skills which cannot be accomplished hands on.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

#### P-Pass / F-Fail

1st Attempt	2nd attempt
	1. Selected and constructed shoring systems for collapses in light frame structures
	2. Used personal protective equipment.
	3. Performed structural load calculations.
	4. Determined resource needs.
	<ul> <li>5. Selected and operate basic and specialized tools and equipment.</li> <li>6. Implemented communications and safety protocols.</li> <li>7. Mitigated specific hazards associated with shoring tasks.</li> </ul>
Candidat	's Name: Station: P F P F
Evaluato	s Signature: 1st Attempt 2nd attempt

# IMPLEMENT COLLAPSE SUPPORT OPERATIONS AT A RESCUE INCIDENT

-FEMA National US & R Response System, Structural Collapse Technician

-Jones and Bartlett, Brannigan's Building Construction for the Fire Service, 4th Edition

NFPA 1006-2013 edition, Section 9.2.7

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

JPR:

**Reference:** 

-Jones and Barlett Learning, Emergency Medical Responder, 5th Edition	
Candidate Equipment Required: Appropriate PPE	
Evaluator Equipment Required: Appropriate PPE	
Read to Candidate:  For this skill event, you will implement collapse support operations at a rescue incident, given ar available resources, so that scene lighting is adequate for the tasks to be undertaken, environmen managed, personnel rehabilitation is facilitated, and the support operations facilitate rescue opera. You MUST verbally describe those skills which cannot be accomplished hands on.  This is not a timed event. To pass this station, you must successfully complete 100% of the skill.	ntal concerns are ational objectives.
P-Pass / F-Fail	
1st Attempt 2nd attempt	
Candidate's Name: Station: P F P F P 2nd attempt	

## RELEASE A VICTIM FROM ENTRAPMENT BY COMPONENTS OF A HEAVY CONSTRUCTION—TYPE COLLAPSED STRUCTURE

**JPR:** NFPA 1006-2013 edition, Section 9.2.8

**Reference:** -FEMA National US & R Response System, Structural Collapse Technician

-Jones and Bartlett, Brannigan's Building Construction for the Fire Service, 4th Edition

-Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition

Candidate Equipment Required: Appropriate PPE

**Evaluator Equipment Required:** Appropriate PPE

#### **Read to Candidate:**

For this skill event, you will release a victim from entrapment by components of a heavy construction—type collapsed structure, given personal protective equipment and resources for breaching, breaking, lifting, prying, shoring, and/or otherwise moving or penetrating the offending structural component, so that hazards to rescue personnel and victims are minimized, considerations are given to crush syndrome, techniques enhance patient survivability, tasks are accomplished within projected time frames, and techniques do not compromise the integrity of the existing structure or structural support systems. You MUST verbally describe those skills which cannot be accomplished hands on.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

#### P-Pass / F-Fail

	<ol> <li>Selected, used, and cared for person</li> <li>Operated rescue tools and stabilized</li> <li>Recognized crush syndrome indicated</li> <li>Completed risk—benefit assessment and time constraints.</li> </ol>	ation systems. ators.		escue	
Candidate's Na Evaluator's Sig		Station: P _	F 1st Attempt	P	F l attempt

## REMOVE A VICTIM FROM A HEAVY CONSTRUCTION-TYPE COLLAPSE INCIDENT

**JPR:** NFPA 1006-2013 edition, Section 9.2.9

Reference: -FEMA National US & R Response System, Structural Collapse Technician

-Jones and Bartlett, Brannigan's Building Construction for the Fire Service, 4th Edition

-Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition

Candidate Equipment Required: Appropriate PPE

Evaluator Equipment Required: Appropriate PPE

#### Read to Candidate:

For this skill event, you will remove a victim from a heavy construction—type collapse incident, given a disentangled victim, a basic first aid kit, and victim packaging resources, so that basic life functions are supported as required, victim is evaluated for signs of crush syndrome, advanced life support is called if needed, methods and packaging devices selected are compatible with intended routes of transfer, universal precautions are employed to protect personnel from bloodborne pathogens, and extraction times meet time constraints for medical management. You MUST verbally describe those skills which cannot be accomplished hands on.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

#### P-Pass / F-Fail

	<ol> <li>Selected, used, and cared for personal protective equipment.</li> <li>Performed basic prehospital care of soft-tissue injuries as needed.</li> <li>Performed fracture stabilization as needed.</li> <li>Performed airway maintenance techniques as needed.</li> </ol>
	4. Performed cardiopulmonary resuscitation as needed.
	<u> </u>
	4. Selected and used appropriate patient packaging equipment.
Candidat	s Name: Station: P F P F
	1st Attempt 2nd attempt
Evaluato	s Signature:

#### LIFT A HEAVY LOAD AS A TEAM MEMBER

JPR:	NFPA 1006-2013 edition, Section 9.2.10
Reference:	-FEMA National US & R Response System, Structural Collapse Technician -Jones and Bartlett, Brannigan's Building Construction for the Fire Service, 4th Edition -Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition
Candidate Ed	quipment Required: Appropriate PPE
Evaluator Eq	quipment Required: Appropriate PPE
lifted, so that can be gained.	didate: event, you will lift a heavy load as a team member, given a structural collapse tool kit and a load to be the load is lifted; control and stabilization are maintained before, during, and after the lift; and access. You MUST verbally describe those skills which cannot be accomplished hands on.  Indeed event. To pass this station, you must successfully complete 100% of the skill steps.
P-Pass / F-Fa  1st Attempt 2nd atte	

Candidate's Name: \_\_\_\_\_ Station: P \_\_F \_\_\_ P \_\_F \_\_\_ P \_\_Evaluator's Signature: \_\_\_\_\_

#### MOVE A HEAVY LOAD AS A TEAM MEMBER

-FEMA National US & R Response System, Structural Collapse Technician

NFPA 1006-2013 edition, Section 9.2.11

Evaluator's Signature:

JPR:

**Reference:** 

	Jones and Bartlett, Brannigan's Building Construction for the Fire Service, 4th Edition Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition
Candidate Equ	ipment Required: Appropriate PPE
Evaluator Equ	ipment Required: Appropriate PPE
load is moved the describe those some some some some some some some s	ent, you will move a heavy load as a team member, given a structural collapse tool kit, so that the ne required distance to gain access and so that control is constantly maintained. You MUST verbally kills which cannot be accomplished hands on.  sed event. To pass this station, you must successfully complete 100% of the skill steps.
Candidate's Nam	e: Station: P F P F 1st Attempt P F

#### BREACH HEAVY CONSTRUCTION-TYPE STRUCTURAL COMPONENTS

NFPA 1006-2013 edition, Section 9.2.12

Evaluator's Signature:

JPR:

Reference:	-FEMA National US & R Response System, Structural Collapse Technician -Jones and Bartlett, Brannigan's Building Construction for the Fire Service, 4th Edition -Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition
Candidate E	quipment Required: Appropriate PPE
Evaluator Eq	uipment Required: Appropriate PPE
protective equ supports the re	lidate: event, you will breach heavy construction—type structural components, given an assignment, personal ipment, various types of construction materials, and a structural collapse tool kit, so that the opening escue objectives, the necessary tools are selected, structural stability is maintained, and the methods fe and efficient. You MUST verbally describe those skills which cannot be accomplished hands on.
This is not a ti	med event. To pass this station, you must successfully complete 100% of the skill steps.
P-Pass / F-Fa	il
1st Attempt 2nd atte	1. Selected, used, and cared for personal protective equipment. 2. Selected and used breaching tools. 3. Appropriately implemented breaching techniques based on building construction type. 4. Correctly applied stabilization where required.
Candidate's Na	me: Station: P F P F 1st Attempt

#### CONSTRUCT CRIBBING SYSTEMS

**JPR:** NFPA 1006-2013 edition, Section 9.2.13

**Reference:** -FEMA National US & R Response System, Structural Collapse Technician

-Jones and Bartlett, Brannigan's Building Construction for the Fire Service, 4th Edition

-Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition

Candidate Equipment Required: Appropriate PPE

**Evaluator Equipment Required:** Appropriate PPE

#### **Read to Candidate:**

For this skill event, you will construct cribbing systems, given an assignment, personal protective equipment, a structural collapse tool kit, various lengths and dimensions of construction-grade lumber, wedges, and shims, so that the cribbing system will safely support the load, the system is stable, and the assignment is completed. You MUST verbally describe those skills which cannot be accomplished hands on.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

#### P-Pass / F-Fail

	<ol> <li>Selected, used, and cared for personal protective equipment.</li> <li>Selected and constructed cribbing systems.</li> <li>Appropriately evaluated the structural integrity of the system.</li> <li>Correctly calculated the load.</li> <li>Ensured stability of the cribbing system.</li> </ol>
Candidate's Evaluator's S	1st Attempt 2nd attempt

#### STABILIZE A COLLAPSED HEAVY CONSTRUCTION-TYPE STRUCTURE

**JPR:** NFPA 1006-2013 edition, Section 9.2.14

**Reference:** -FEMA National US & R Response System, Structural Collapse Technician

-Jones and Bartlett, Brannigan's Building Construction for the Fire Service, 4th Edition

-Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition

Candidate Equipment Required: Appropriate PPE

**Evaluator Equipment Required:** Appropriate PPE

#### Read to Candidate:

For this skill event, you will stabilize a collapsed heavy construction—type structure as a member of a team, given size-up information, hazard-specific personal protective equipment, an assignment, a specific pattern of collapse, a structural collapse tool kit, specialized equipment necessary to complete the tasks and engineering resources if needed, so that hazard warning systems are established and understanding by team members is verified, all unstable structural components that can impact the work and egress routes are identified, alternative egress routes are established when possible, expert resource needs are determined and communicated to command, load estimates are calculated for support system requirements, all shoring systems meet or exceed loadbearing demands, shoring systems are monitored continuously for integrity, safety protocols are followed, a rapid intervention crew (RIC) is established and staged to aid search and rescue personnel in the event of entrapment, an accountability system is established, atmospheric monitoring is ongoing, and progress is communicated as required. You MUST verbally describe those skills which cannot be accomplished hands on.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

#### P-Pass / F-Fail

st Attempt	2nd attempt					
	1. Selected, used, and cared for personal protective	e equipment.				
	2. Selected and constructed appropriate shoring sy	stems.				
	3. Appropriately evaluated the structural integrity of the system.					
	4. Correctly calculated the structural load.					
	5. Determined and requested additional resources a	as needed.				
5. Selected appropriate, and operated, basic and specialized tools and equipment						
	5. Implemented communications and rescuer safet	y protocols.				
	5. Mitigated specific hazards associated with shori	ng tasks.				
Candidat	e's Name: Station: P	F	P	F		
	<del></del>	1st Attempt	2n	d attempt		
Evaluato	r's Signature:					

#### CUT THROUGH STRUCTURAL STEEL

**Reference:** -FEMA National US & R Response System, Structural Collapse Technician

NFPA 1006-2013 edition, Section 9.2.15

-Jones and Bartlett, Brannigan's Building Construction for the Fire Service, 4th Edition

-Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition

Candidate Equipment Required: Appropriate PPE

**Evaluator Equipment Required:** Appropriate PPE

#### **Read to Candidate:**

JPR:

For this skill event, you will cut through structural steel, given a structural collapse tool kit, personal protective equipment, and an assignment, so that the steel is efficiently cut, the victim and rescuer are protected, fire control measures are in place, and the objective is accomplished. You MUST verbally describe those skills which cannot be accomplished hands on.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

#### P-Pass / F-Fail

Evaluator's Sig	gnature:		•		-	
			1st Attempt	2nd	l attempt	_
Candidate's Na	ame:	Station: P	F	P	F	
	6. Stabilized heavy load to ensu	ire protection of victi	m and rescu	er.		
	5. Implemented necessary extin	iguishment technique	es.			
	4. Mitigated hazards successful	ly.				
	3. Used cutting tools correctly.					
	2. Determined appropriate tool	needs.				
	1. Selected, used, and cared for	personal protective	equipment.			

#### COORDINATE THE USE OF HEAVY EQUIPMENT

**JPR:** NFPA 1006-2013 edition, Section 9.2.16

**Reference:** -FEMA National US & R Response System, Structural Collapse Technician

-Jones and Bartlett, Brannigan's Building Construction for the Fire Service, 4th Edition

-Jones and Bartlett Learning, Emergency Medical Responder, 5th Edition

Candidate Equipment Required: Appropriate PPE

**Evaluator Equipment Required:** Appropriate PPE

#### **Read to Candidate:**

For this skill event, you will coordinate the use of heavy equipment, given personal protective equipment, means of communication, equipment and operator, and an assignment, so that common communications are established, equipment usage supports the operational objective, hazards are avoided, and rescuer and operator safety protocols are followed. You MUST verbally describe those skills which cannot be accomplished hands on.

This is not a timed event. To pass this station, you must successfully complete 100% of the skill steps.

#### P-Pass / F-Fail

	2. Used ha 3. Used ra 4. Mitigate	d, used, and cared for pe and signals correctly. Idio equipment correctly ed hazards successfully ed situation for operator	uipment.		
Candidate's Name: Station: P F P F Evaluator's Signature:			 	 _	-

# STRUCTURAL COLLAPSE RESCUER TRAINING RECORD - NFPA 1006; 2013 Standard Chapter 9– Level I

PRINT NAME:	LAST 4 of SSN:	DEPARTMENT:	
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SECTION	TRAINING RECORD			IN-HOUSE COMP. EXAM			MANIPULATIVE SKILL - DEMONSTRATE	CORRESPONDING	
D2011011	DATE	INST	HRS	DATE	INST	P/F		SKILL SHEET	
Pre-Requisite									
							CONDUCT A SIZE-UP OF A LIGHT FRAME COLLAPSED STRUCTURE	1	
							DETERMINE POTENTIAL VICTIM LOCATIONS IN LIGHT FRAME CONSTRUCTION COLLAPSE INCIDENTS	2	
							DEVELOP A COLLAPSE RESCUE INCIDENT ACTION PLAN	3	
							IMPLEMENT A COLLAPSE RESCUE INCIDENT ACTION PLAN	4	
							SEARCH A LIGHT FRAME COLLAPSED STRUCTURE	5	
Chapter 9							STABILIZE A COLLAPSED LIGHT FRAME STRUCTURE AS A MEMBER OF A TEAM	6	
LEVEL I							IMPLEMENT COLLAPSE SUPPORT OPERATIONS AT A RESCUE INCIDENT	7	
							RELEASE A VICTIM FROM ENTRAPMENT BY COMPONENTS OF A LIGHT FRAME COLLAPSED STRUCTURE	8	
							REMOVE A VICTIM FROM A LIGHT FRAME COLLAPSE INCIDENT	9	
							LIFT A HEAVY LOAD AS A TEAM MEMBER	10	
							MOVE A HEAVY LOAD AS A TEAM MEMBER	11	
							BREACH LIGHT FRAME STRUCTURAL COMPONENTS	12	
							CONSTRUCT CRIBBING SYSTEMS	13	

# STRUCTURAL COLLAPSE RESCUER TRAINING RECORD - NFPA 1006; 2013 Standard Chapter 9– Level II

PRINT NAME:	LAST 4 of SSN:	DEPARTMENT:	
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	TRAINING		IN-HOUSE  COMP. EXAM  DATE INST P/F				CORRESPONDING	
SECTION	RECORD DATE INST HRS					MANIPULATIVE SKILL - DEMONSTRATE	SKILL SHEET	
	DATE	11(51	III	DATE	11151	1/1	CONDUCT A SIZE-UP OF A COLLAPSED HEAVY CONSTRUCTION—TYPE STRUCTURE	1
							DETERMINE POTENTIAL VICTIM LOCATIONS IN A HEAVY CONSTRUCTION—TYPE INCIDENT	2
							DEVELOP A COLLAPSE RESCUE INCIDENT ACTION PLAN	3
							IMPLEMENT A COLLAPSE RESCUE INCIDENT ACTION PLAN	4
							SEARCH A HEAVY CONSTRUCTION-TYPE COLLAPSED STRUCTURE	5
							STABILIZE A COLLAPSED HEAVY CONSTRUCTION-TYPE STRUCTURE AS A MEMBER OF A TEAM	6
Chapter 9							IMPLEMENT COLLAPSE SUPPORT OPERATIONS AT A RESCUE INCIDENT	7
LEVEL II							RELEASE A VICTIM FROM ENTRAPMENT BY COMPONENTS OF A HEAVY CONSTRUCTION-TYPE COLLAPSED STRUCTURE	8
							REMOVE A VICTIM FROM A HEAVY CONSTRUCTION-TYPE COLLAPSE INCIDENT	9
							LIFT A HEAVY LOAD AS A TEAM MEMBER	10
							MOVE A HEAVY LOAD AS A TEAM MEMBER	11
							BREACH HEAVY CONSTRUCTION-TYPE STRUCTURAL COMPONENTS	12
							CONSTRUCT CRIBBING SYSTEMS	13
							STABILIZE A COLLAPSED HEAVY CONSTRUCTION-TYPE STRUCTURE	14
							CUT THROUGH STRUCTURAL STEEL	15
							COORDINATE THE USE OF HEAVY EQUIPMENT	16

# APPENDIX A IN-HOUSE PROCTOR INSTRUCTIONS

# Tester Instructions for "In-House" Comprehensive Examination

As the training officers for your department you are authorized by NDFA to conduct the 100% skills test for this level of certification. You must be certified to the level you are testing, i.e., if you're FF2 you can test FF1 and FF2, Awareness and HM Operations.

#### \*PRIOR TO CONDUCTING TEST, REVIEW TRAINING RECORDS

It is important that before doing this "In-House" exam that the candidate has completed training in all areas for the level being tested.

#### \*SAFETY OFFICER SELECTED AND BRIEFED

Select a Safety Officer to assist you during the test. This person, if possible, should not be taking the same test that is being given. The Safety Officer will not assist with the testing process. The Safety Officer is there to protect the CANDIDATES from injury during the testing process. The Safety Officer shall be in a position to observe all students and ensure their safety at all times during the testing procedure. By using the following instructions you will be able to evaluate the skill being tested and determine the candidate's readiness for the State "Spot Check" exam.

- 1. Keep in mind this is a test and there should be no coaching or training during the testing process. If a candidate fails to perform a skill, it will count as a first attempt failure and they will be given a second attempt. If they fail a second time they need to be retrained on that skill and tested again. Only qualified candidates that have passed with 100% should be allowed to take the State SPOT CHECK exam. Before beginning the testing process meet with all candidates and review the testing process. Explain that this is a test and that the same process being used for the "In-House" will be used during the state exam.
- 2. Designate a secure location for the candidates to remain in while the "In-House" exam is conducted. This location should be away from the area where the exam is being conducted.
- 3. If possible, separate your testing stations so candidates cannot observe each other during the test.
- 4. To evaluate a candidate's performance, use the following as a guide.
  - a. the skill is completed in the allotted time,
  - b. competence is shown by completing all performance criteria,
  - c. safety is shown while completing the skill.

At each test station the tester will read the SKILL to be demonstrated, the CONDITIONS to be met and the TIME limit to complete each skill. This information is contained in the skill section of each standards packet. Do this with each student as they come to each testing station. Ask for any questions. As each skill is tested and completed sign it off in the section provided on the candidates training record. By conducting the "In-House" test in this manner, you will prepare your candidates to successfully pass the state "spot check" exam. This will also assure training records are current and that only those who are truly prepared take the state certification examination.

# APPENDIX B – EXAMINATION REQUEST FORM



North Dakota Firefighter's Association 1502 Grumman Lane, Suite 2

Bismarck, ND 58504

Phone: (701) 222-2799 Fax: (701) 222-2899 www.ndfa.net

#### **EXAMINATION REQUEST FORM**

Please complete all information on BOTH sides of this form and return to the NDFA at least **30 days prior** to the requested examination date. **A separate request MUST be made for each level of certification exam desired and for each exam date.** Send completed forms to <a href="mailto:cdemellorice@nd.gov">cdemellorice@nd.gov</a>.

Technical Resc	uer Exan	ination	Request for	r Written	/ Skills	– Check the	appropriate lev	vel
Discipline		Written	Manipulative		Written	Manipulative	Curriculum	Edition
Rope Rescue	Level I			Level II			IFSTA □ J&B □ C	Other
Structural Collapse	Level I			Level II			IFSTA □ J&B □ C	Other 🗆
Confined Space	Level I			Level II			IFSTA □ J&B □ C	Other 🗆
Trench Rescue	Level I			Level II			IFSTA □ J&B □ C	Other 🗆
Number Taking Written Exa Requested Test Date(s): Testing Tablets Needed for			R	equested Te		ulative Exam: _ me(s):		<u> </u>
Examination Location:								
Contact Name:			D	Department N	Name and	Address:		
Contact Phone Number:					_			
By the signature below we acki learning experience in each sub in the Certification Policy and I accommodations and equipmen	oject area rec Procedures I	uired for Manual. D	testing and has epartment requ	met all othe esting the ab	r requiren	nents for the le	vel being examined	for as specified
Fire Chief/Head of Department	(Signature)					Training Offic	er (Signature)	
Fire Chief/Head of Department	(Typed/Pri	nted)				Training Offic	er (Typed/Printed)	

#### Type or print names of candidates taking examination

	Candidates Printed Name	Department	Last Four of SSN	Email
1			XXX-XX-	
2			XXX-XX-	
3			XXX-XX-	
4			XXX-XX-	
5			XXX-XX-	
6			XXX-XX-	
7			XXX-XX-	
8			XXX-XX-	
9			XXX-XX-	
10			XXX-XX-	
11			XXX-XX-	
12			XXX-XX-	
13			XXX-XX-	
14			XXX-XX-	
15			XXX-XX-	
16			XXX-XX-	
17			XXX-XX-	
18			XXX-XX-	
19			XXX-XX-	
20			XXX-XX-	
21			XXX-XX-	
22			XXX-XX-	
23			XXX-XX-	
24			XXX-XX-	
25			XXX-XX-	

Send Request form to:

North Dakota Firefighter's Association 1502 Grumman Lane, Suite 2, Bismarck, ND 58504 Fax: (701) 222-2899 Email: cdemellorice@nd.gov

126

### APPENDIX C – CANDIDATE ACKNOWLEDGEMENT FORM



Phone: (701) 222-2799 Fax: (701) 222-2899 www.ndfa.net

#### **Candidate Testing Acknowledgement Form**

I (print/type your name)	acknowledge that I have been scheduled for my certification
test. I have read and understood the applicable standar	d and am fully aware of the prerequisites for the certification for
which I am testing. I also understand that I must prese	nt a copy of my training record and any proof of prerequisite
completion prior to being tested unless it has been docu	umented by NDFA prior to. I further acknowledge that it is my
sole responsibility to ensure that this documentation ha	is been met.
Please initial each statement below and sign where indicated	l:
I acknowledge the required prerequisites for the level f prior to testing.	for which I am testing on and will ensure I present any to the evaluator
I understand that failure to follow the above requirement	ent will result in my exam being cancelled.
SIGNATURE: I indicate by my signature below that I acknowledge that I understand it. My signature below takes effect as a sealed instrument.	have read the terms and conditions of this protocol and indicates that I have read and freely signed this agreement, which
Candidate Signature	Date