

Utah Fire Service Certification System

FIREFIGHTER I & II



CERTIFICATION STANDARD

Approved, May 21, 2025

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The Certification Council would like to recognize and extend a voice of appreciation to the following fire service professionals for their work on the Firefighter I & II certification standard. These individuals devoted many hours to reviewing the National Fire Protection Association (NFPA) 1010 standard, certification test banks, and curriculum textbooks to develop the wording for the skills in this standard.

Thank you.

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Table of Contents

Introduction	1
<u>FIREFIGHTER I STANDARD</u>	
Firefighter I Certification Requirements	3
Entrance Requirements	3
Physical Fitness Requirements.....	3
Occupational Safety and Health Requirements.....	3
Emergency Medical Care Requirements.....	4
Department Training Officers.....	4
Firefighter I Department Training	4
Written Objectives	5
Skill Objectives.....	5
Department Training Records.....	5
Department In-House Skills Examinations	5
Live Fire Requirement	6
Firefighter I Certification Examinations	6
Written Examinations	6
Skills Spot Check Examinations	7
Firefighter I Certification/Recertification.....	8
Prerequisites for Firefighter I Certification	8
Firefighter I Certification Checklist.....	9
Firefighter I Skill Objectives	10
<i>General</i>	
Personal Protective Equipment	10
Ropes	11
<i>Fire Department Communications</i>	
Radios and Phones	13
<i>Fireground Operations</i>	
Self-Contained Breathing Apparatus	14
<i>Emergency Response</i>	
Apparatus	17
Forcible Entry	18
Safety	21
Ladders	23
Hose, Nozzles, Appliances.....	26
Search and Rescue	31
Ventilation.....	31
Overhaul Operations	33
Salvage Operations	34
Water Supply	37
Portable Fire Extinguishers	39
Fireground Support Activities.....	39
Examination Evolutions.....	41
Live Fire Evolutions	45
Firefighter I Training Record	48

FIREFIGHTER II STANDARD

Firefighter II Certification Requirements	53
Entrance Requirements	53
Physical Fitness Requirements.....	53
Occupational Safety and Health Requirements.....	53
Emergency Medical Care Requirements	54
Department Training Officers	54
Firefighter II Department Training	54
Written Objectives	55
Skill Objectives.....	55
Department Training Records	55
Department In-House Skills Examinations	56
Firefighter II Certification Examinations	56
Written Examinations	56
Skills Spot Check Examinations	57
Firefighter II Certification/Recertification	58
Prerequisites for Firefighter II Certification	58
Firefighter II Certification Checklist	59
Firefighter II Skill Objectives	60
General.....	60
Fire Department Communications	60
Fireground Operations	61
Rescue Operations	63
Prevention, Preparedness, and Maintenance	65
Firefighter II Training Record	68
Appendix A. Knots	70
Clove Hitch.....	71
Figure Eight on a Bight.....	72
Figure Eight Bend.....	73
Water Knot.....	74
Appendix B. Sample Tactical Worksheet	75
Fire Incident Tactical Worksheet	76
Appendix C. In-House Proctor Instructions	77
Proctor Instructions for In-House Comprehensive Examinations	78
Appendix D. Certification Forms and Fees	80
Locating Certification Forms	81
Certification Fees	81

INTRODUCTION

The Utah Fire and Rescue Academy (UFRA) has evolved into a dynamic organization that provides fire and emergency service–related training, professional accredited certification, and resource assistance. The Utah Fire Service Certification System (UFSCS) has been administered by UFRA since the system’s inception in the early 1980s. The governing body for the firefighter certification system in the state of Utah is the Utah Fire Service Certification Council (UFSCC). The members of the council represent various areas of the state as well as a variety of department types.

The entire system is based on international professional job performance standards from NFPA and NWCG. 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. Through these national standards and certification, firefighters and fire departments have a tool to measure specific levels of skills, abilities, and knowledge. Testing takes place all over the state of Utah and is usually scheduled by fire department training officers for members of one or more local agencies to test at their own facilities using their own equipment.

The Utah Fire Service Certification System creates uniformity through certification. Certification allows a fire service professional to be a part of the National Registry (Pro Board and IFSAC), which verifies that a person has been trained at a national standard. Firefighters, hazardous materials responders, and rescue personnel can earn various certifications. Volunteer, part-time, and career firefighters must all meet the same standard to certify. Most fire departments in Utah have certified personnel even though there is no law requiring it.

“Certification from an accredited entity is a statement of success, an indisputable mark of performance belonging to individual fire service professionals. Each successful candidate for certification from an accredited entity knows that he or she has been measured against peers and meets rigorous national standards. Certification affords the individual a uniformity and portability of qualifications. In addition, the creditability of an organization is enhanced by having members certified to national consensus standards.”

—theproboard.org

IFSAC “provides accreditation to entities that certify the competency of and issue certificates to individuals who pass examinations based on National Fire Protection Association (NFPA) fire service professional qualifications and other standards approved by the Assembly.”

—ifsac.org

The following certification requirements are based on the objectives listed in NFPA 1010, *Standard on Professional Qualifications for Firefighters* (National Fire Protection Association, 2024), as verified and adopted by the Utah Fire Service Certification Council (UFSCC).

Through these national standards and certification, firefighters and fire departments have a tool to measure specific levels of skills, abilities, and knowledge. The UFSCC believes that 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.

In Memoriam, September 11, 2001

We pay tribute to the 343 members of FDNY who gave their lives to save civilian victims on September 11, 2001, at the World Trade Center. They are true American heroes in death, but they were also American heroes in life. We will keep them in our memory and in our hearts. They are the embodiment of courage, bravery, and dedication. May they rest in peace.

FIREFIGHTER I STANDARD

FIREFIGHTER I CERTIFICATION REQUIREMENTS

Entrance Requirements

Certification at the Firefighter I level is a unique process. Because of the method and manner NFPA has established for becoming certified, candidates must complete the prerequisites and/or requirements for the specialty areas as set forth in NFPA 1010 (2024). In order to certify at the Firefighter I level, candidates must fulfill the following requirements:

1. Complete entrance requirements.
2. Set up and maintain department records.
3. Train on the required written and practical objectives.
4. Pass a department in-house practical skills examination.
5. Meet any other training requirements/prerequisites as defined by the Certification Council.
6. Pass both written and practical skills examinations administered by the Certification Council.
7. Pass a Live Burn Evaluation for Firefighter I.
8. Request Firefighter I certification.
9. Request recertification at the end of each 3-year certification period.

Physical Fitness Requirements

The UFSCC acknowledges the importance of and need for physical fitness requirements as listed in NFPA 1010, *Standard on Professional Qualifications for Firefighters*, 2024 edition. Many agencies and departments have existing policies, regulations, etc. already in place regarding these requirements. The handling of physical fitness requirements is a **LOCAL MATTER**, outside the authority and jurisdiction of the UFSCC. The Certification Council will not check, test, evaluate, or determine how individual agencies meet these requirements. Some departments have found it necessary to waive any type of physical fitness 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 Utah Fire Service Certification Council strongly recommends careful evaluation before altering or doing away with any existing physical fitness requirements.**

Here are some of the entrance requirements outlined in NFPA 1010, 2024 edition, chapter 1:

1. Meet the minimum educational requirements established by the authority having jurisdiction.
2. Utah Fire Service Certification Council Policy 11.3 requires that a candidate be at least 18 years of age to test and be certified.
3. Meet the medical requirements of NFPA 1582, *Standard on Comprehensive Occupational Medical Program for Fire Departments* (2022), as determined by the medical authority of the AHJ.
4. Physical fitness requirements for entry-level personnel should be developed and validated by the authority having jurisdiction. Physical fitness requirements should be in compliance with applicable Equal Employment Opportunity regulations and other legal requirements.

Occupational Safety and Health Requirements

The requirements listed in NFPA 1500 (2021), chapter 7, are:

1. Meet the Protective Clothing and Protective Equipment requirements of NFPA 1500, Policy 7.13.1, A.7.13.1.
2. Meet OSHA 29 CFR 1910.134(g) on the use of respirators (under “Prohibiting conditions that may result in facepiece seal leakage”): “Respirators shall **not** be worn when conditions prevent a good face seal.”
3. Meet OSHA 1910.134 (g)(1)(i)(A) occupational safety and health regulatory requirements.

Emergency Medical Care Requirements

The following additional training requirements **must** be met before certification at the Firefighter I level will be issued by the UFSCC.

Emergency Medical Care. Applicants for state certification at the Firefighter I level must hold a current CPR certification and have received training in first aid. First aid training should include infection control, bleeding control, and shock management.

This training may be obtained through any organization that trains medical responders for CPR and first aid. A qualified instructor should teach these courses. Copies of the CPR cards (both sides) must be documented in the candidate's Training Record.

Department Training Officers

For a department to enroll in the certification process, it is necessary for the department to assign training officers. It is recommended that the department assign at least two personnel as training officers, to coordinate and provide certification training.

Department training officers shall be certified at the level they are teaching. In addition, the Certification Council strongly recommends that training officers and instructors 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 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 Utah Fire & Rescue Academy at (801) 863-7709 for assistance in setting up and monitoring certification training.

The final entrance requirement is to complete the **Intent to Participate** form (see Appendix D) and return it to the Certification Council. Remember, participation in the certification process is **VOLUNTARY**. Once you have enrolled, you can withdraw if desired.

If a department is already participating in the Utah Fire Service Certification System, it will not be necessary to file another Intent to Participate form.

FIREFIGHTER I DEPARTMENT TRAINING

The position of Firefighter I 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 1010 (2024)—including the sections listed in the chapters—and cover the skills approved by the UFSCC contained in this Utah certification standard.

All training received must be documented and recorded in the Training Record. The skills and Training Record must be completed for each person. All department in-house testing must be conducted following the Policies and Procedures of the UFSCS.

To prepare the candidate to successfully pass the state certification examination, the course material should be based on NFPA 1010 (2024) and IFSTA, *Essentials of Fire Fighting: Firefighter I*, 8th edition. The state certification examination will be scheduled upon receiving an Examination Request form from the department training officer or administrator at the conclusion of the course.

Written Objectives

The written objectives for Firefighter I are covered in the following texts:

- IFSTA, *Essentials of Fire Fighting: Firefighter I*, 8th edition
- NFPA 1010, *Standard on Professional Qualifications for Firefighters*, 2024 edition

There are numerous methods departments have used to help prepare their personnel for the written examination. Considering the high level of skill and knowledge that is required for Firefighter I, the Certification Council recommends that candidates participate in a comprehensive class and receive instruction on both skills and written requirements.

Skill Objectives

Each candidate **must** be trained and evaluated in the performance of **all** skills as found in this Utah certification standard. Each of the skill objectives shall be completed swiftly, safely, and with competence, as defined below:

- **Swiftly.** Each skill objective must be completed within the allotted time.
- **Safely.** Each skill objective must be completed safely. Conduct that could injure an individual or damage equipment is unacceptable. Equipment should be checked prior to skills testing or training to see that it is safe and functional.
- **With Competence.** Each skill objective must be performed in accordance with this Utah certification standard. This includes performing the proper steps in sequence. Competence will be measured in accordance with the UFSCS skill objectives.

Department Training Records

Each candidate shall have a current, accurate, and complete Training Record on file with the department which indicates that they have been trained on all skill objectives. **The Training Record must be completed in its entirety for the candidate to be permitted to test.** Training Records may be completed on a computer or by hand. Departments may set up their own Training Records, use the one provided in this standard, or use the fillable Training Record found online on UFRA's website. If a department chooses to set up their own Training Record it must meet the following requirements:

1. Indicate the certification level and its corresponding NFPA standard number and edition.
2. Include a signature line for the candidate, which attests that all skills have been trained on and a complete in-house comprehensive exam was administered and passed.
3. Include a signature line for the chief/training officer, which attests that the candidate has been trained on all skills and a complete in-house comprehensive exam was administered and passed.
4. Include a line to record the date the Training Record was completed.
5. List all the skills from this Utah certification standard for this level. Include columns indicating the training dates, training instructors, the dates of exams, exam instructors, and whether the candidate passed each exam (see the Training Record examples in this standard).

Department In-House Skills Examinations

At the completion of the department's skills training, the department is required to hold an in-house skills examination for the level being trained. This is a comprehensive in-house skills test conducted by the department training officers. This test is to ensure that skill mastery has been maintained from the beginning to the end of the training process, and to prepare candidates for the state examination. Training

officers may utilize other personnel to assist in administering the exam; however, they must be certified at the level they are in-house testing.

Proctor instructions for the examination are in Appendix C in this standard. In-house testers shall follow the proctor instruction sheet to ensure uniformity and fairness during the exam. It is recommended that 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 skill weaknesses are evident, the department should conduct additional training and hold a new department in-house skills examination to ensure their personnel have fully mastered all required skills. Only those individuals who successfully pass the department's skills test will be allowed to participate in the Certification Council's skills spot check examination. Department Training Records must show that all candidates have successfully passed the in-house exam.

Live Fire Requirement

Live fire testing requirements shall be demonstrated during the live fire training exercise conducted during the training class. These skills will be evaluated and signed off by a qualified Certification Tester that is not an instructor of the training class. The test will be scored on a pass/fail basis during the exercise. Once completed, all evaluation sheets will be returned to the Certification Office in a sealed envelope to protect the integrity of the testing process. This process tests to the live fire requirement of NFPA 1010 and NFPA 1403.

FIREFIGHTER I CERTIFICATION EXAMINATIONS

After completion of the training process, the chief/administrator can request testing for the candidate using the Examination Request form (see Appendix D). The candidate will then have three attempts to pass the written examination. A separate request must be sent to the Certification Office for each attempt. Request forms must reach the Certification Office no later than 30 days prior to the examination date. The entire examination process must be completed within one year of the first written exam date.

Written Examinations

The written examination is a randomly generated test covering the written objectives of NFPA 1010 (2024).

The written examination is a randomly generated **145-question** test covering the written objectives of the Firefighter I standard.

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 allowed to pass the exam. A candidate who fails the written examination three times has failed the certification process and must wait one year from the date of the last failed exam before reentering testing. Exam results are forwarded to the chief/administrator within 30 days following receipt of the completed exam.

SAMPLE WRITTEN EXAMINATION QUESTIONS

The transfer of heat by the movement of air or liquid would be considered:

- A. Conduction
- B. Radiation
- C. **Convection**
- D. Direct-flame contact

What is a good, two-firefighter method for breaking a tight coupling without a spanner wrench?

- A. **Stiff-arm**
- B. Foot-tilt
- C. Knee-press
- D. Coupling title

Skills Spot Check Examinations

This is a two-step examination. The first step is a department records check and the second is the skills spot check examination. A Certification tester appointed by the Utah Fire Service Certification Council 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:

1. Candidate has been trained in each skill and evolution for the level being evaluated.
2. A department training officer has signed off each skill.
3. Each candidate has passed a department in-house skills examination.

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

- **Swiftly.** Each skill objective must be completed within the allotted time.
- **Safely.** Each skill objective must be completed safely. Conduct that could injure an individual or damage equipment is unacceptable. Equipment should be checked prior to skills testing or training to see that it is safe and functional.
- **With Competence.** Each skill objective must be performed in accordance with this Utah certification standard. This includes performing the proper steps in sequence. Competence will be measured in accordance with the UFSCS skill objectives.

Candidates are spot checked on the following: one live fire evolution, two examination evolutions, and one skill.

No prior notification of the skills being tested will be given. This is a 100% pass/fail test. Candidates are given two attempts (if necessary) to perform each skill. If they fail on the second try, then they have failed the examination. Candidates who fail the second attempt must wait **30 days** before the third and final attempt. Candidates taking third attempts will test on the skill they missed plus an additional skill from the section of the standard they failed. **No training, teaching, or coaching is allowed during this state test.**

Candidates who have failed the third attempt of the written examination or the skills examination have failed the certification process and must wait **one year** from the date of the failed third attempt to reenter state testing. The candidate will begin testing with a new **first attempt** of the written examination, following a request for examination. If a candidate wishes to enter a new course, the candidate may petition the Certification Office to reenter the certification examination process no sooner than 120 days after their **third attempt** failure. In the petition, candidates must explain the reason(s) behind their request to reenter the process.

FIREFIGHTER I CERTIFICATION/RECERTIFICATION

When all requirements for certification have been met, applicants are eligible to be certified. The chief/administrator may apply to the Utah Fire Service Certification Council for certification for those candidates who have successfully completed the certification training/testing process. Requests for state certification must be submitted to the Certification Office using the Certification/Recertification Request form (see Appendix D). The names are then checked against the official state records to ensure that each individual listed has met all requirements and prerequisites.

Prerequisites for Firefighter I Certification

To qualify to train for a certain level, candidates must have completed the prerequisites.

Training Level	Trains on NFPA 470	Prerequisites
Hazardous Materials Awareness	Chapter 5	
Hazardous Materials Operations	Chapter 7, 9	Awareness (Chapter 5)
Live Fire		

Training and certification at the Hazardous Materials Awareness and Operations levels may be achieved at any time during the Firefighter I training process. Firefighter I certification will not be issued until candidates have fulfilled this requirement.

Hazardous Materials Awareness level and Operations level training can be requested by contacting the Utah Fire and Rescue Academy.

Certifications are valid for a three-year period. Each certified Firefighter I responder may renew certification by having the chief/administrator of the participating agency submit a Certification/Recertification Request (see Appendix D).

Certified candidates should participate in at least 36 hours of structured class and skills training per year to maintain competency and stay current on their skills. This 36 hours is for all certified levels combined, not 36 hours for each individual level. **A total of 108 hours of training is required** for the previous three-year certification period.

For more information on Utah firefighter certification, contact the:
Utah Fire Service Certification Council
Utah Fire & Rescue Academy
3131 Mike Jense Parkway, Provo, UT 84601
801-863-7709
www.uvu.edu/ufra

FIREFIGHTER I CERTIFICATION CHECKLIST

ENTRANCE REQUIREMENTS

- ☐ Each candidate has met the requirements listed in NFPA 1010 (2024).
- ☐ Each candidate has met requirements of CPR-BLS-Healthcare Provider, and a copy of the card (front and back) is with the records.
- ☐ The department has filed an Intent to Participate form with the UFSCC.
- ☐ Each candidate has trained in the level's written objectives.

DEPARTMENT TRAINING RECORDS

- ☐ Each candidate has a Training Record on file with the department that shows:
 1. A learning experience in each skill objective
 2. Dates of training
 3. Initials of instructors
- ☐ Each candidate has trained in the level's written objectives.

DEPARTMENT IN-HOUSE SKILLS EXAMINATION

- ☐ Each candidate has successfully completed an in-house skills examination.
- ☐ Exam results are documented in department Training Records.

ADDITIONAL TRAINING/PREREQUISITE REQUIREMENTS

- ☐ Each candidate is certified at the Hazardous Materials Awareness and Operations levels.

CERTIFICATION EXAMINATIONS

- ☐ Each candidate has passed the UFSCC written examination.
- ☐ Each candidate has passed the UFSCC skills and/or evolution examination.
- ☐ A spot check examination was administered by an approved UFRA Certification tester.

CERTIFICATION

- ☐ The chief/administrator has requested certification for candidates using the Certification/Recertification Request form.

FIREFIGHTER I SKILL OBJECTIVES

GENERAL

PERSONAL PROTECTIVE EQUIPMENT

For the skills in this section, the AHJ must be able to provide a safe testing environment for the candidates and accept all liability for candidate safety.

****According to NFPA 1500, the visor is not considered appropriate eye protection.****

1. Decontaminate PPE and prepare for reuse.

REFERENCE: NFPA 1010, 2024 edition, 6.1.2

CONDITION: Given full firefighter PPE. Following AHJ SOPs.

COMPETENCE:

- Doff SCBA.
- Verbalize and simulate the use of hoseline to rinse off all PPE and equipment.
- Doff PPE.
- Verbalize the need to bag contaminated PPE.
- Verbalize the need for formal cleaning.
- Inspect all equipment for damage.
- Complete skill in allotted time.

TIME: 5 minutes

2. Don and doff structural firefighter protective clothing.

REFERENCE: NFPA 1010, 2024 edition, 6.1.2

CONDITION: Given helmet, hood, boots, gloves, coat, and pants. Following AHJ SOPs.

COMPETENCE:

- Don hood (hood shall be rolled down around collar of coat).
- Don and fasten all closures on pants, boots, and coat.
- Turn up collar on coat.
- Don helmet and tighten chin strap (helmet earflaps down).
- Don gloves.
- Doff protective clothing and place back in service.
- Complete skill in allotted time.

TIME: 1 minute

ROPES

3. Hoist the following tools and equipment: fire axe, pike pole, roof ladder, and hoseline (charged/dry).

REFERENCE: NFPA 1010, 2024 edition, 6.1.2, 6.3.20

CONDITION: Wearing full structural firefighter protective clothing, given tools or equipment and a minimum of 25 ft. of rope. *Gloves are not required.* Following AHJ SOPs.

COMPETENCE:

- Select tool to be hoisted.
- Tie an appropriate knot for hoisting.
- Use “tag” line when appropriate.
- Hoist tool or equipment.
- Complete skill in allotted time.

TIME: 1 minute for tool selected (hoisting time not included in the minute)

4. Tie the following knots.

A. Clove hitch, running with overhand safety, or loop method

REFERENCE: Appendix A (in this Utah standard); NFPA 1010, 2024 edition, 6.1.2, 6.3.20

CONDITION: Given a length of rope, object to place knot on. *Gloves are not required.* Following AHJ SOPs.

COMPETENCE:

- Select correct length of rope.
- Tie correct knot with overhand safety in correct position.
- Complete skill in allotted time.

TIME: 35 seconds

B. Figure eight on a bight (with overhand safety)

REFERENCE: Appendix A (in this Utah standard); NFPA 1010, 2024 edition, 6.1.2, 6.3.20

CONDITION: Given a length of rope. *Gloves are not required.* Following AHJ SOPs.

COMPETENCE:

- Select correct length of rope.
- Tie correct knot with overhand safety in correct position.
- Complete skill in allotted time.

TIME: 35 seconds

C. Figure eight bend (joining two ropes, with overhand safety)

REFERENCE: Appendix A (in this Utah standard); NFPA 1010, 2024 edition, 6.1.2, 6.3.20

CONDITION: Given two lengths of rope of equal diameter. *Gloves are not required.* Following AHJ SOPs.

COMPETENCE:

- Select correct diameter of rope.
- Tie correct knot with overhand safety in correct position.
- Complete skill in allotted time.

TIME: 1 minute

D. Water knot (with overhand safety)

REFERENCE: Appendix A (in this Utah standard); NFPA 1010, 2024 edition, 6.1.2, 6.3.20

CONDITION: Given 12-ft.x1-inch tubular webbing. *Gloves are not required.* Following AHJ SOPs.

COMPETENCE:

- Select correct length of webbing.
- Tie correct knots with overhand safety in correct position.
- Complete skill in allotted time.

TIME: 90 seconds

5. Inspect, clean, and store rope after use.

REFERENCE: NFPA 1010, 2024 edition, 6.5.1

CONDITION: Given rope, rope bag (if available), rope log, and cleaning supplies. Following AHJ SOPs.

COMPETENCE:

- Identify type of rope: life safety or utility.
- Inspect rope for damage or wear.
- Wash rope using approved method (verbalize).
- Dry rope using approved method (verbalize).
- Bag or coil rope.
- Document use of rope and inspections on rope log.
- Complete skill in allotted time.

TIME: 3 minutes

FIRE DEPARTMENT COMMUNICATIONS

RADIOS AND PHONES

6. Receive a report of a fire or emergency situation from the public (by telephone) and initiate appropriate action.

REFERENCE: NFPA 1010, 2024 edition, 6.2.1

CONDITION: Given a fire or emergency scenario, communication equipment, and technology. Following AHJ SOPs.

COMPETENCE:

- Identify yourself and determine if it is an emergency or non-emergency call.
- Record time of call.
- Record type and address of incident.
- Record caller's name and call back number.
- Ask questions for additional information.
- Advise caller to call 911.
- Hang up after the caller does.
- Relay message to dispatch.
- Complete skill in allotted time.

TIME: 1 minute

7. Receive a phone call (at the station) from the public.

REFERENCE: NFPA 1010, 2024 edition, 6.2.2

CONDITION: Given a scenario, communication equipment, and technology. Following department AJH SOPs.

COMPETENCE:

- Identify yourself and determine if it is an emergency or non-emergency call.
- Record time of call.
- Record message.
- Record caller's name and call back number.
- Advise caller to call 911.
- Hang up the phone after completion of call.
- Relay caller's information.
- Complete skill in allotted time.

TIME: 1 minute

8. Use portable radio equipment for an emergency traffic call for assistance (a MAYDAY).

REFERENCE: NFPA 1010, 2024 edition, 6.2.3

CONDITION: Given portable radio equipment. Following AHJ SOPs.

COMPETENCE:

- Ensure radio power is on.
- Set to correct channel.
- Adjust volume.
- Declare emergency traffic.
- Report MAYDAY, per department SOPs (who, what, where, air, etc.).
- Complete skill in allotted time.

TIME: 2 minutes

FIREGROUND OPERATIONS

SELF-CONTAINED BREATHING APPARATUS

9. Identify each component of a self-contained breathing apparatus (SCBA).

REFERENCE: NFPA 1010, 2024 edition, 6.3.1

CONDITION: Given a self-contained breathing apparatus as used by the department.
Following AHJ SOPs.

COMPETENCE:

- Backpack/harness
- Air cylinder: cylinder, valve, and pressure gauge
- Regulator assembly: pressure hose(s), low pressure alarm, emergency bypass valve, secondary gauges, PASS device
- Facepiece assembly
- Complete skill in allotted time.

TIME: 3 minutes

10. Don a self-contained breathing apparatus (SCBA).

REFERENCE: NFPA 1010, 2024 edition, 6.3.1

CONDITION: Wearing full structural firefighter protective clothing and SCBA. Following AHJ SOPs.

***Steps may vary with different SCBAs. However, all should be covered during the donning process.**

COMPETENCE:

- Open cylinder valve fully and verify PSI (verbalize pressure).
- Check secondary gauge to confirm similar PSI.
- Don backpack and fasten/tighten all straps (over-the-head or coat method).
- Don facepiece, adjust head harness, and check seal and exhalation valve.
- Don protective hood.
- Attach regulator to facepiece.
- Ensure PASS is active.

- Don helmet with chin strap secured.
- Don gloves.
- Complete skill in allotted time.

TIME: 1 minute

11. Demonstrate emergency procedures in the event of SCBA failure.

A. Skip breathing (emergency procedure)

REFERENCE: NFPA 1010, 2024 edition, 6.3.1, 6.3.5

CONDITION: Wearing full structural firefighter protective clothing and SCBA. *As per manufacturer recommendations for SCBA used by department and according to department SOGs. Following AHJ SOPs.

COMPETENCE:

- Notify partner of problem.
- Activate emergency communications (MAYDAY procedure).
- Activate PASS.
- Inhale normally (as during regular breathing).
- Pause breathing (as long as it would take to exhale).
- Inhale again.
- Exhale slowly.
- Exit structure while maintaining crew integrity.
- Complete skill in allotted time.

TIME: 1 minute

B. Emergency procedures for an interruption of or restricted air flow

REFERENCE: NFPA 1010, 2024 edition, 6.3.1, 6.3.5

CONDITION: Wearing full structural firefighter protective clothing and SCBA, given simulated regulator damage. *As per manufacturer recommendations for SCBA used by department and according to department SOGs. Following AHJ SOPs.

COMPETENCE:

- Notify partner of problem.
- Activate emergency communications (MAYDAY procedure).
- Activate PASS.
- Operate bypass valve as needed.
- Begin to exit structure with partner.
- Complete skill in allotted time.

TIME: 1 minute

C. Emergency procedures for “free flow” of air

REFERENCE: NFPA 1010, 2024 edition, 6.3.1, 6.3.5

CONDITION: Wearing full structural firefighter protective clothing and SCBA, given simulated SCBA damage. *As per manufacturer recommendations for SCBA used by department and according to department SOGs. Following AHJ SOPs.

COMPETENCE:

- Notify partner of problem.
- Activate emergency communications (MAYDAY procedure).
- Activate PASS.
- Exhale forcefully to reset valve or regulator.
- If exhaling does not resolve problem, open and close bypass valve once.
- If the bypass valve doesn't resolve problem, restrict flow of air out of air cylinder by closing bottle valve, and opening it as needed.
- Crack bottle open, take a breath, close bottle, repeat as needed.
- Exit structure with partner.
- Complete skill in allotted time.

TIME: 1 minute

D. Emergency procedures for an exhalation valve “seared” shut

REFERENCE: NFPA 1010, 2024 edition, 6.3.1, 6.3.5

CONDITION: Wearing full structural firefighter protective clothing and SCBA, given simulated regulator damage. *As per manufacturer recommendations for SCBA used by department and according to department SOGs. Following AHJ SOPs.

COMPETENCE:

- Notify partner of problem.
- Activate emergency communications (MAYDAY procedure).
- Activate PASS.
- Hold facepiece in place and exhale forcefully.
- Exhale by breaking seal of mask.
- Exit the structure with partner.
- Complete skill in allotted time.

TIME: 1 minute

12. Doff and perform a check of an SCBA after use, with a cylinder change.

REFERENCE: NFPA 1010, 2024 edition, 6.1.2, 6.3.1

CONDITION: Given an SCBA and a spare cylinder. *As per manufacturer recommendations for SCBA used by department. Following AHJ SOPs.

COMPETENCE:

- Place SCBA on firm surface and close cylinder valve.
- Obtain full cylinder.

- Relieve excess pressure from regulator.
- Disconnect high-pressure hose.
- Release clamp on bottle and remove cylinder from frame.
- Check pressure on new bottle (verbalize pressure reading).
- Place new cylinder in frame and secure clamp or closure.
- Don helmet with chin strap secured.
- Check high-pressure hose O-ring, if applicable.
- Connect high-pressure hose to cylinder.
- Open cylinder valve and check for leaks.
- Check cylinder and secondary gauges.
- Close cylinder valve and relieve excess pressure from regulator
- Listen for low-pressure alarm.
- Fully extend all straps on SCBA backpack.
- Fully extend all straps on facepiece.
- Complete skill in allotted time.

TIME: 2 minutes

13. Perform routine maintenance procedures for an in service SCBA: inspect, clean, and sanitize.

REFERENCE: NFPA 1010, 2024 edition, 6.5.1

CONDITION: Given an SCBA with a facepiece, and a cleaning solution specified by manufacturer or departmental guidelines.

COMPETENCE:

- Inspect SCBA and facepiece.
- Wash facepiece in soap and water.
- Sanitize facepiece in an approved solution (verbalize sanitation procedure).
- Rinse in fresh water and hang to dry.
- Wash/rinse backpack (keep water from entering regulator).
- Complete skill in allotted time.

TIME: 5 minutes

EMERGENCY RESPONSE

APPARATUS

14. Demonstrate apparatus safety procedures during emergency response: mounting apparatus; the use of seat belts, hearing protection, and other safety equipment on board; and dismounting.

REFERENCE: NFPA 1010, 2024 edition, 6.3.2

CONDITION: Wearing full structural firefighter protective clothing, given a fire apparatus equipped with seat belts and radio headsets or other noise barriers. Following AHJ SOPs.

COMPETENCE:

- Use handrails and steps to mount apparatus.
- Properly fasten seat belt and remove helmet.
- Don hearing protection if needed.
- Use handrails and steps to dismount apparatus.
- Complete skill in allotted time.

TIME: 2 minutes

FORCIBLE ENTRY

15. Demonstrate proper carrying and maintenance of forcible entry tools and equipment.

REFERENCE: NFPA 1010, 2024 edition, 6.3.4, 6.5.1

CONDITION: Wearing gloves and eye protection, given cutting, prying, pulling, or striking tools, ventilation fan (PPV), soap, water, brush, and rags. Following AHJ SOPs.

COMPETENCE:

- Carry tool in a safe manner.
- Protect yourself and others from sharp or pointed edges during maintenance.
- Remove excess dirt with brush or hose.
- Wash tool with soap and water.
- Inspect tool head and handle for damage.
- Sharpen tool heads (per manufacturer recommendations or department SOPs).
- Dry tool and protect surface per manufacturer recommendations.
- Complete skill in allotted time.

TIME: 5 minutes per tool

16. Demonstrate forcible entry on the following doors.

A. Swinging door

REFERENCE: NFPA 1010, 2024 edition, 6.3.4

CONDITION: Wearing full structural firefighter protective clothing with appropriate eye protection, given an appropriate forcible entry tool. Following AHJ SOPs.

COMPETENCE:

- Select proper forcible entry tool(s).
- Carry tool in a safe manner.
- Try door before prying.
- Correctly identify door swing (inward/outward).
- Pry or force entry near lock.
- Force door in correct direction.
- Control the door and access.

- Complete skill in allotted time.

TIME: 1 minute

B. Sliding door

REFERENCE: NFPA 1010, 2024 edition, 6.3.4

CONDITION: Wearing full structural firefighter protective clothing with appropriate eye protection, given an appropriate forcible entry tool. Following AHJ SOPs.

COMPETENCE:

- Select proper forcible entry tool(s).
- Carry tool in a safe manner.
- Try door before prying.
- Pry or force entry at or near lock or near bottom of door.
- Force door away from frame.
- Control the door and access.
- Complete skill in allotted time.

TIME: 1 minute

C. Overhead door

REFERENCE: NFPA 1010, 2024 edition, 6.3.4

CONDITION: Wearing full structural firefighter protective clothing with appropriate eye protection, given an appropriate forcible entry tool. Following AHJ SOPs.

COMPETENCE:

- Select proper forcible entry tool(s).
- Carry tool in a safe manner.
- Try door before breaching.
- Force entry with appropriate cut.
- Control the door and access.
- Complete skill in allotted time.

TIME: 2 minutes

17. Demonstrate forcible entry and through-the-lock entry techniques on the following windows.

A. Sliding window

REFERENCE: NFPA 1010, 2024 edition, 6.3.4

CONDITION: Wearing full structural firefighter protective clothing with appropriate eye protection, given an appropriate forcible entry tool. Following AHJ SOPs.

COMPETENCE:

- Select proper tool(s).
- Carry tool in a safe manner.
- Try window before prying.

- Locate lock.
- Pry or force entry at proper location on window.
- Clear any window coverings or obstructions.
- Complete skill in allotted time.

TIME: 1 minute

B. Double-hung window

REFERENCE: NFPA 1010, 2024 edition, 6.3.4

CONDITION: Wearing full structural firefighter protective clothing with appropriate eye protection, given an appropriate forcible entry tool. Following AHJ SOPs.

COMPETENCE:

- Select proper tool(s).
- Carry tool in a safe manner.
- Try window before prying.
- Locate lock.
- Pry or force entry at center of lower sash.
- Clear any window coverings or obstructions.
- Complete skill in allotted time.

TIME: 1 minute

18. Demonstrate breaching the following exterior walls.

A. Masonry

REFERENCE: NFPA 1010, 2024 edition, 6.3.4

CONDITION: Wearing full structural firefighter protective clothing with appropriate eye protection, given an appropriate forcible entry tool. Following AHJ SOPs.

COMPETENCE:

- Select proper tool(s).
- Carry tool in a safe manner.
- Confirm utilities are off.
- Correctly use tool(s) to breach wall.
- Identify possible hazards associated with breaching wall.
- Complete skill in allotted time.

TIME: 5 minutes

B. Metal

REFERENCE: NFPA 1010, 2024 edition, 6.3.4

CONDITION: Wearing full structural firefighter protective clothing with appropriate eye protection, given an appropriate forcible entry tool. Following AHJ SOPs.

COMPETENCE:

- Select proper tool(s).
- Carry tool in a safe manner.
- Confirm utilities are off.
- Find and mark studs or supports (if applicable).
- Make appropriate cut.
- Identify possible hazards associated with breaching wall.
- Complete skill in allotted time.

TIME: 5 minutes

C. Wood

REFERENCE: NFPA 1010, 2024 edition, 6.3.4

CONDITION: Wearing full structural firefighter protective clothing with appropriate eye protection, given an appropriate forcible entry tool. Following AHJ SOPs.

COMPETENCE:

- Select proper tool(s).
- Carry tool in a safe manner.
- Confirm utilities are off.
- Remove exterior covering (if needed).
- Sound for studs or supports.
- Make appropriate cut along studs.
- Identify possible hazards associated with breaching wall.
- Complete skill in allotted time.

TIME: 5 minutes

SAFETY

19. Demonstrate proper SCBA use for the following:

A. A restricted passage, without removing SCBA

REFERENCE: NFPA 1010, 2024 edition, 6.3.1, 6.3.9

CONDITION: Wearing full structural firefighter protective clothing and SCBA, given restricted passage where a firefighter cannot pass without a low profile. Following AHJ SOPs.

COMPETENCE:

- Notify command of the situation and consider MAYDAY procedure.
- Loosen SCBA backpack (leave facepiece on).
- Move SCBA backpack to side of firefighter.
- Maintain control of SCBA at all times.
- Exit restricted passage.
- Reposition and tighten SCBA backpack.
- Complete skill in allotted time.

TIME: 3 minutes

B. A restricted passage, removing SCBA

REFERENCE: NFPA 1010, 2024 edition, 6.3.1, 6.3.9

CONDITION: Wearing full structural firefighter protective clothing and SCBA, given restricted passage where a firefighter cannot pass with a low profile. Following AHJ SOPs.

COMPETENCE:

- Initiate MAYDAY procedure.
- Remove backpack completely.
- Maintain control of SCBA at all times.
- Exit restricted passage.
- Re-don backpack assembly.
- Tighten SCBA backpack.
- Update command.
- Complete skill in allotted time.

TIME: 3 minutes

20. Demonstrate techniques for action when disoriented in a fire or hostile situation.

A. Search for an exit using a hoseline.

REFERENCE: NFPA 1010, 2024 edition, 6.3.5, 6.2.3

CONDITION: Wearing full structural firefighter protective clothing and SCBA (with SCBA facepiece covered), given 150 ft. of 1½" or larger hose with nozzle attached, a 300-ft.² room, and a 2-firefighter team. Following AHJ SOPs.

COMPETENCE:

- Initiate MAYDAY procedure.
- Coordinate action plan with team members.
- Attempt to retrace steps.
- While searching for an exit, locate hose and find coupling.
- Use hose: follow it to safety, using coupling as a guide.
- Maintain contact with team member(s) verbally, physically, or by sight.
- Exit hazardous area before exhausting air supply as a team.
- Complete skill in allotted time.

TIME: 3 minutes

B. Search for an exit using a wall.

REFERENCE: NFPA 1010, 2024 edition, 6.3.5, 6.2.3

CONDITION: Wearing full structural firefighter protective clothing and SCBA (with the SCBA facepiece covered), given 150 ft. of 1½" or larger hose with nozzle attached, a 300-ft.² room, and a 2-firefighter team. Following AHJ SOPs.

COMPETENCE:

- Initiate MAYDAY procedure.
- Coordinate action plan with team members.
- Attempt to retrace steps.
- Search for wall.
- Find wall and follow to safety using right-hand or left-hand technique.
- Maintain contact with team member(s) verbally, physically, or by sight.
- Exit hazardous area before exhausting air supply as a team.
- Complete skill in allotted time.

TIME: 2 minutes

LADDERS

21. Properly carry, position, raise, and lower a single ladder.

REFERENCE: NFPA 1010, 2024 edition, 6.3.6, 6.3.11, 6.3.12

CONDITION: Wearing full structural firefighter protective clothing, given a single ladder. Following AHJ SOPs.

COMPETENCE:

- Start 25 ft. from structure.
- Lift ladder with legs (not back) to carry position.
- Carry ladder correctly.
- Check for overhead obstructions (must verbalize).
- Determine structure stability (must verbalize).
- Place ladder and raise to proper position.
- Check climbing angle (four points of contact with ground and building).
- Lower ladder, reversing the raising procedure.
- Complete skill in allotted time.

TIME: 1 minute (lowering ladder not included in time)

22. Properly carry, position, raise, and lower a 24-ft., 28-ft., or 35-ft. extension ladder.

REFERENCE: NFPA 1010, 2024 edition, 6.3.6, 6.3.11, 6.3.12

CONDITION: Wearing full structural firefighter protective clothing, given a 24-ft. or 28-ft. extension ladder (with a 1–2 firefighter team) or a 35-ft. extension ladder (with a 2–4 firefighter team). Following AHJ SOPs.

COMPETENCE:

- Start 50 ft. from structure.
- Leader gives preparatory commands.
- Team lifts with legs.
- Perform a proper carry to structure.
- Check for overhead obstructions (must verbalize).
- Determine structure stability (must verbalize).

- Raise fly section to proper height.
- Determine that locks are engaged (must verbalize).
- Tie off halyard.
- Check climbing angle (four points of contact with ground and building).
- Lower ladder, reversing the raising procedure.
- Complete skill in allotted time.

TIME: 3 minutes (lowering ladder not included in time)

23. Demonstrate proper techniques for climbing, working from, and descending an extension or aerial ladder, with a tool (with a safety harness for an aerial ladder).

REFERENCE: NFPA 1010, 2024 edition, 6.3.6, 6.3.11, 6.3.12

CONDITION: Wearing full structural firefighter protective clothing, given a tool and a deployed extension ladder or aerial ladder (with a safety harness for aerial ladder). Following AHJ SOPs.

SAFETY: NEVER USE LEG LOCK ON AERIAL LADDER.

COMPETENCE:

- Check climbing angle of ladder.
- Climb with arms straight, body perpendicular to the ground.
- Climb smoothly and rhythmically.
- Maintain three points of contact with ladder while climbing.
- Carry tool properly.
- Lock in around rung or use safety harness.
- Lock in on opposite side from the working side.
- Complete skill in allotted time.

TIME: 2 minutes

24. Bring a victim down a ladder from a second-story window or roof.

REFERENCE: NFPA 1010, 2024 edition, 6.3.9

CONDITION: Wearing full structural firefighter protective clothing, given a deployed extension ladder and a “victim”: conscious or unconscious. Following AHJ SOPs.

SAFETY: MAKE SURE THE LADDER IS HEELED OR TIED OFF. USE A SAFETY LINE OR HARNESS ON VICTIM, OR USE A RESCUE MANIKIN.

COMPETENCE:

- Ensure the ladder tip is placed at the sill of the rescue window (must verbalize).
- Perform a proper carry of victim (conscious or unconscious).
- Perform a controlled descent of the ladder supporting and/or reassuring the victim.

- Complete skill in allotted time.

TIME: 5 minutes

25. Deploy a roof ladder on a pitched roof.

REFERENCE: NFPA 1010, 2024 edition, 6.3.12

CONDITION: Wearing full structural firefighter protective clothing and SCBA, given a roof ladder, an extension ladder, and a 2-firefighter team. (Begin with the extension ladder placed on the building and secured.) Following AHJ SOPs.

SAFETY: MAKE SURE THE LADDER IS HEELED OR TIED OFF.

COMPETENCE:

- Raise roof ladder with hooks deployed and place against extension ladder or roof.
- Properly climb extension ladder.
- Carry roof ladder to the roofline/eave.
- Maintain three points of contact while sliding the roof ladder up roof.
- Ensure hooks are securely grabbing peak of roof.
- Complete skill in allotted time.

TIME: 2 minutes

26. Inspect, maintain, and clean a ground ladder.

REFERENCE: NFPA 1010, 2024 edition, 6.5.1

CONDITION: Given a grounded extension ladder, soap, water, brush, and rags. Following AHJ SOPs.

COMPETENCE:

- Wash ladder with water, soap, and brush, and then dry ladder.
- Check rungs for looseness, cracks, dents, or unusual wear.
- Check all bolts, rivets, and welds for looseness.
- Check beams, trusses, and truss blocks for damage.
- Check all braces, slides, stops, and locks.
- Check pulleys and halyards.
- Check heat sensor labels for color change.
- Mark any defects found and tag out of service.
- Check for smooth operation by raising and lowering ladder.
- Record cleaning, inspection, and maintenance.
- Complete skill in allotted time.

TIME: 5 minutes

HOSE, NOZZLES, APPLIANCES

27. Set up a master stream device (350 GPM or greater).

REFERENCE: NFPA 1010, 2024 edition, 6.3.8

CONDITION: Wearing full structural firefighter protective clothing. Given a water supply, a master stream appliance (if appliance has multiple inlets, use 100 ft. per inlet), a 2½" or larger hose, an engineer (who will make connections to pumper), and a 2-firefighter team. Following AHJ SOPs.

COMPETENCE:

- Set up appliance.
- Connect hoseline from apparatus to appliance.
- Secure monitor as per manufacturer guidelines.
- Signal for water.
- Adjust stream of appliance once water is at nozzle.
- Flow water.
- Complete skill in allotted time.

TIME: 5 minutes

28. Demonstrate the proper method for extending a charged hoseline.

REFERENCE: NFPA 1010, 2024 edition, 6.3.10

CONDITION: Wearing full structural firefighter protective clothing. Given 150 ft. of 1½" or larger hose (already deployed), hose clamp, nozzle, engineer/pump operator (not being tested), and a 2-firefighter team. Following AHJ SOPs.

COMPETENCE:

- Apply hose clamp approximately 3–5 ft. behind nozzle, or communicate shutdown of hoseline.
- Add a 50-ft. section of hose.
- Replace nozzle and charge hoseline slowly to avoid water hammer.
- Complete skill in allotted time.

TIME: 90 seconds

29. Demonstrate the proper method for replacing a burst section of hose.

REFERENCE: NFPA 1010, 2024 edition, 6.3.10

CONDITION: Wearing full structural firefighter protective clothing. Given 150 ft. of 1½" or larger hose, hose clamp, nozzle, engineer/pump operator (not being tested), a 2-firefighter team. Following AHJ SOPs.

COMPETENCE:

- Apply hose clamp approximately 3–5 ft. behind coupling, or communicate shutdown of hoseline.

- Replace 2 sections of one burst section.
- Remove hose clamp, if applicable, and charge hoseline slowly to avoid water hammer.
- Complete skill in allotted time.

TIME: 2 minutes

30. Couple and uncouple hose using the two-firefighter method.

REFERENCE: NFPA 1010, 2024 edition, 6.3.10

CONDITION: Wearing full structural firefighter protective clothing, given 100 ft. of 1½" or larger hose. Following AHJ SOPs.

COMPETENCE:

- One firefighter holds male coupling, and one firefighter holds female coupling.
- Check for presence of gasket on female coupling.
- Firefighters couple hoses using the Higbee indicator as a guide.
- Complete skill in allotted time.

TIME: 20 seconds

31. Advance an attack line from a pumper:

A. For a ground-level fire attack (structural, ground cover, vehicle)

REFERENCE: NFPA 1010, 2024 edition, 6.3.7, 6.3.8, 6.3.10

CONDITION: Wearing full structural firefighter protective clothing and SCBA, given a minimum of 150 ft. of 1½" or larger hose and a nozzle. Following AHJ SOPs.

COMPETENCE:

- Correctly and completely unload hose from apparatus.
- Advance hose to attack position, and deploy hoseline to minimize kinks.
- Signal for water.
- Open nozzle to bleed air from the line, check stream pattern, and verbalize adequate pressure.
- Complete skill in allotted time.

TIME: 2 minutes

B. Up a ladder to a second-floor window or roof

REFERENCE: NFPA 1010, 2024 edition, 6.3.10

CONDITION: Wearing full structural firefighter protective clothing and SCBA. Given 2-firefighter team, minimum of 150 ft. of 1½" or larger hose, nozzle, secured extension ladder, and hose straps or webbing. Following AHJ SOPs.

COMPETENCE:

- Correctly and completely unload hose from apparatus.
- Advance hose up the ladder.
- Secure hose to ladder with hose straps or webbing.
- If working from ladder, ensure proper leg lock or safety harness.
- Signal for water if uncharged.
- Open nozzle to bleed air from attack line, check stream pattern, and verbalize adequate pressure.
- Complete skill in allotted time.

TIME: 3 minutes

C. Up OR down an inside OR outside stairway to an upper OR lower floor

REFERENCE: NFPA 1010, 2024 edition, 6.3.10

CONDITION: Wearing full structural firefighter protective clothing and SCBA. Given a minimum of 150 ft. of 1½" or larger hose, nozzle, 2-firefighter team. Following AHJ SOPs.

COMPETENCE:

- Advance to door or attach to standpipe.
- Signal for water and/or open standpipe valve.
- Open nozzle to bleed air from attack line, check stream pattern, and verbalize pressure.
- Advance up OR down 2 flights of stairs.
- Lay hose against outside wall.
- Complete skill in allotted time.

TIME: 3 minutes

32. Demonstrate the following hose carry.

A. Single section drain and carry

REFERENCE: NFPA 1010, 2024 edition, 6.3.10

CONDITION: Wearing full structural firefighter protective clothing, given 50 ft. of 1½" or larger hose. Following AHJ SOPs.

COMPETENCE:

- Pick up coupling, allowing water to drain.
- Loop hose over shoulder.
- Layer hose on shoulder.
- Control and secure hose.
- Complete skill in allotted time.

TIME: 1 minute

B. Accordion shoulder carry from ground

REFERENCE: NFPA 1010, 2024 edition, 6.3.10

CONDITION: Wearing full structural firefighter protective clothing, given 50 ft. of 1½” or larger hose. Following AHJ SOPs.

COMPETENCE:

- Fold hose on ground.
- Line up folds and couplings.
- Lift hose to shoulder using legs.
- Control and secure hose.
- Complete skill in allotted time.

TIME: 1 minute

33. Loading hose.

A. Supply hose

REFERENCE: NFPA 1010, 2024 edition, 6.5.2

CONDITION: Wearing gloves and helmet, given 150 ft. of 2½” or larger hose, gate valve, 3-firefighter team. Following AHJ SOPs.

COMPETENCE:

- Layer hose in hose bed correctly.
- Use “Dutchman” where appropriate.
- Complete skill in allotted time.

TIME: 3 minutes

B. Attack lines

REFERENCE: NFPA 1010, 2024 edition, 6.5.2

CONDITION: Wearing gloves and helmet, given 150 ft. of 1½” or 1¾” hose and 3-firefighter team. Following AHJ SOPs.

COMPETENCE:

- Attach to discharge.
- Layer hose in hose bed correctly.
- Finish load with nozzle in correct location and secured.
- Complete skill in allotted time.

TIME: 3 minutes

34. Roll hose in a straight roll.

REFERENCE: NFPA 1010, 2024 edition, 6.5.2

CONDITION: Wearing gloves, given 50 ft. of 1½” or larger hose. Following AHJ SOPs.

COMPETENCE:

- Roll hose with male coupling in the center.
- Lay completed roll on ground, and tamp protruding coils.
- Complete skill in allotted time.

TIME: 1 minute

35. Demonstrate the procedures for cleaning, inspecting and maintaining:

A. Fire hose and couplings

REFERENCE: NFPA 1010, 2024 edition, 6.5.2

CONDITION: Given fire hose, soap, water, and brush, or hose washing and drying equipment. Following AHJ SOPs.

COMPETENCE:

- Wash hose using clear water and a brush. If required, use mild soap.
- Rinse with clear water.
- Wash coupling with clear water and a brush.
- Inspect hose for mechanical, thermal, or chemical damage.
- Inspect couplings for damage.
- Remove gasket from female coupling and pinch together, and check for cracks.
- Reinstall gasket in female coupling.
- Mark and record any damage found. If necessary, remove from service.
- Complete skill in allotted time.

TIME: 5 minutes

B. Nozzles: combination, fog, smooth bore

REFERENCE: NFPA 1010, 2024 edition, 6.5.2

CONDITION: Given fog nozzle OR solid stream nozzle, hose, pumping apparatus, soap, water, and brush. Following AHJ SOPs.

COMPETENCE:

- Wash nozzle using mild soap/water.
- Rinse with clear water.
- Inspect nozzle for external damage or debris.
- Inspect nozzle for internal damage or debris.
- Remove gasket from nozzle and check for cracks.
- Reinstall gasket in female coupling.
- Check female swivel for proper function.
- Demonstrate proper operation of nozzle.
- Complete skill in allotted time.

TIME: 4 minutes

SEARCH AND RESCUE

36. Demonstrate proper techniques while conducting a search for a victim in a structure (with or without a hoseline or safety rope), and remove the victim to a safe area.

REFERENCE: NFPA 1010, 2024 edition, 6.3.5, 6.3.9

CONDITION: Wearing full structural firefighter protective clothing and SCBA (with vision obscured). Given a forcible entry tool, 2-firefighter team with handheld radio, TIC (if available), 300 sq. ft. room. Following AHJ SOPs.

COMPETENCE:

- Stay low while searching.
- Use an organized search pattern, maintaining orientation.
- Call out for victim.
- Pause occasionally to listen for sounds and scan with TIC if available.
- Locate victim and communicate that to command.
- Assess area to determine tenability.
- Remove victim to safe area using appropriate drag or carry.
- Maintain team integrity during search.
- Complete skill in allotted time.

TIME: 6 minutes for each 300 sq. ft. searched

37. Demonstrate proper rescue procedures for moving an unconscious victim (firefighter or civilian, with or without respiratory protection) 20 feet using a drag method.

REFERENCE: NFPA 1010, 2024 edition, 6.3.9

CONDITION: Wearing full structural firefighter protective clothing, given a 2-firefighter team. Following AHJ SOPs.

COMPETENCE:

- Place victim face-up.
- Grasp fire coat, clothing, SCBA strap, or integrated drag strap.
- Work as a team to move the victim to safe area.
- Move victim 20 feet.
- Complete skill in allotted time.

TIME: 1 minute

VENTILATION

38. Demonstrate procedures for breaking window or door glass and removing obstructions, from ground level or while working from a ladder.

REFERENCE: NFPA 1010, 2024 edition, 6.3.11

CONDITION: Wearing full structural firefighter protective clothing, given a pike pole or axe. If using a ladder, secure it properly. Following AHJ SOPs.

COMPETENCE:

- Stand on ladder on windward side of glass pane and lock into ladder, if applicable.
- Strike with tool as high as possible.
- Keep hands above or aside point of impact, if possible.
- Stand at 45-degree angle to window/door.
- Clear all glass from frame or track.
- Remove screens and window coverings, if applicable.
- Complete skill in allotted time.

TIME: 1 minute

39. Open a 4'x4' ventilation hole for vertical ventilation:

A. On a roof

REFERENCE: NFPA 1010, 2024 edition, 6.3.12

CONDITION: Wearing full structural firefighter protective clothing and SCBA. Given a fire axe, power saw, pike pole or rubbish hook, roof ladder, and 3-firefighter team. Following AHJ SOPs.

COMPETENCE:

- Demonstrate proper use of roof ladder (with wind at firefighter's back or side).
- Use spotter for safety.
- Sound roof for integrity.
- Correctly open ventilation hole.
- Use appropriate tool to push down ceiling and remove any barriers.
- Exit roof area once ventilation hole is completed.
- Complete skill in allotted time.

TIME: 4 minutes with power saw (time starts when cut begins)
6 minutes with hand tools (time starts when cut begins)

B. In a floor

REFERENCE: NFPA 1010, 2024 edition, 6.3.12

CONDITION: Wearing full structural firefighter protective clothing and SCBA. Given a power saw or fire axe, pike pole or rubbish hook, 2-firefighter team. Following AHJ SOPs.

COMPETENCE:

- Sound floor for structural supports.
- Correctly open ventilation hole.
- Use appropriate tool to remove any barriers.
- Exit once ventilation hole is completed.

- Complete skill in allotted time.

TIME: 4 minutes with power saw (time starts when cut begins)
6 minutes with hand tools (time starts when cut begins)

40. Set up a high-volume blower fan in a doorway for “positive pressure” ventilation of a structure.

REFERENCE: NFPA 1010, 2024 edition, 6.3.11

CONDITION: Don PPE and SCBA prior to beginning. Given a report of a structure fire, 2-member firefighter team, positive pressure blower, and forcible entry tools. Following AHJ SOPs.

COMPETENCE:

- Determine access point and fire location.
- Create appropriate exhaust opening as close to the seat of the fire as possible.
- Ensure that any exhaust opening is larger than the intake opening.
- Start positive pressure blower.
- Set blowing so that the cone of air from the blower completely covers the door opening.
- Open door to structure and pressurize building.
- Set blower so placement does not interfere with entry and exit of firefighters from the building.
- Open interior doors systematically to maintain positive pressure in the structure.
- Maintain team integrity during ventilation work.
- Complete skill in allotted time.

TIME: 3 minutes

OVERHAUL OPERATIONS

41. Demonstrate how to search for and expose hidden fires in walls, ceilings, and floors.

REFERENCE: NFPA 1010, 2024 edition, 6.3.8, 6.3.10, 6.3.13

CONDITION: Wearing full structural firefighter protective clothing and SCBA, identify and recognize inherent hazards related to the material’s configuration, using appropriate tools, flashlight, thermal sensor devices (optional), air monitoring equipment, and hoseline or water extinguisher. Following AHJ SOPs.

COMPETENCE:

- Search for hidden fires using: sight, touch, sound, or thermal sensors.
- With appropriate tool(s), open walls, ceilings, floors to expose hidden fire.
- Expose void spaces without compromising structural integrity.
- Use water as needed to extinguish any hidden fires found.
- Evaluate for complete extinguishment.

- Preserve fire cause evidence.
- Complete skill in allotted time.

TIME: 5 minutes

SALVAGE OPERATIONS

42. Demonstrate the proper folds and rolls for salvage covers for a one- or two-firefighter spread.

REFERENCE: NFPA 1010, 2024 edition, 6.3.14

CONDITION: Given a minimum 10-ft.x12-ft. salvage cover and a 2-firefighter team. Following AHJ SOPs.

COMPETENCE:

- Fold cover to reduce size.
- Finish cover by rolling or folding.
- Complete skill in allotted time.

TIME: 2 minutes

43. Demonstrate the proper deployment of a salvage cover.

A. One-firefighter deployment

REFERENCE: NFPA 1010, 2024 edition, 6.3.14

CONDITION: Wearing full structural firefighter protective clothing, given a minimum 10-ft.x12-ft. salvage cover. Following AHJ SOPs.

COMPETENCE:

- Stack (cluster) objects to be covered.
- Unfold or unroll cover over all objects.
- Tuck cover in at bottom.
- Complete skill in allotted time.

TIME: 1 minute

B. Two-firefighter (balloon throw) deployment

REFERENCE: NFPA 1010, 2024 edition, 6.3.14

CONDITION: Wearing full structural firefighter protective clothing, given a minimum 10-ft.x12-ft. salvage cover and a 2-firefighter team. Following AHJ SOPs.

COMPETENCE:

- Stack (cluster) objects to be covered.
- Stretch cover along one side of the object to be covered.
- Make several accordion folds with inside hand.
- Pull the cover tight and throw, pocketing as much air as possible.

- As a team, float the cover over the object to be covered.
- Guide it into position and tuck it in at the bottom.
- Complete skill in allotted time.

TIME: 1 minute

44. Construct a water chute.

REFERENCE: NFPA 1010, 2024 edition, 6.3.14

CONDITION: Wearing full structural firefighter protective clothing. Given a salvage cover, ladder or 2 pike poles, and a 2-firefighter team. Following AHJ SOPs.

COMPETENCE:

- Open salvage cover.
- Roll salvage cover edges over pike poles and turn over to create water chute.
- Adjust water chute on ladder for water removal.
- Remove water from structure.
- Complete skill in allotted time.

TIME: 2 minutes

45. Construct a catchall.

REFERENCE: NFPA 1010, 2024 edition, 6.3.14

CONDITION: Wearing full structural firefighter protective clothing. Given a minimum 10-ft.x12-ft. salvage cover and a 2-firefighter team. Following AHJ SOPs.

COMPETENCE:

- Open salvage cover.
- Fold corners inward.
- Roll all sides.
- Tuck the flap to lock it into position.
- Complete skill in allotted time.

TIME: 2 minutes

46. Cover or close building openings, including doors, windows, floors, and roofs.

REFERENCE: NFPA 1010, 2024 edition, 6.3.14

CONDITION: Verbalize the method for covering or closing building openings. Following AHJ SOPs.

COMPETENCE:

- Select correct material to cover openings.
- Use a sufficient amount of material to cover opening completely.
- Secure edges of material down completely to keep weather out.

- Complete skill in allotted time.

TIME: 5 minutes

47. Separate, remove, and relocate charred material from uncharred material while protecting the area of fire origin (for determination of fire cause).

REFERENCE: NFPA 1010, 2024 edition, 6.3.13, 6.3.14

CONDITION: Wearing full structural firefighter protective clothing and SCBA. Given appropriate tools and equipment, flashlight, hoseline or water extinguisher, and 2-firefighter team. Following AHJ SOPs.

COMPETENCE:

- Separate charred from un-charred material in cooperation with a fire investigator.
- Extinguish any smoldering material.
- Preserve any potential fire cause evidence by leaving it where it was found.
- Verbalize the need for mitigation of hazards.
- Complete skill in allotted time.

TIME: 5 minutes

48. Stop the flow of water from a discharging sprinkler head, using a wedge or stopper.

REFERENCE: NFPA 1010, 2024 edition, 6.3.14

CONDITION: Wearing full structural firefighter protective clothing and SCBA. Given a ladder and wedges or a stopper. Following AHJ SOPs.

COMPETENCE:

- Select appropriate tool.
- Stop sprinkler flow.
- Complete skill in allotted time.

TIME: 1 minute

49. Turn a main control valve on an automatic sprinkler system from “open” to “closed.”

REFERENCE: NFPA 1010, 2024 edition, 6.3.14

CONDITION: Wearing full structural firefighter protective clothing. Following AHJ SOPs.

COMPETENCE:

- Identify the main control valve.
- Turn the valve from “open” to “closed.”
- Complete skill in allotted time.

TIME: 1 minute

50. Inspect, clean, and maintain a salvage cover.

REFERENCE: NFPA 1010, 2024 edition, 6.5.1

CONDITION: Given a salvage cover, soap, water, brushes or a broom, and patching material. Following AHJ SOPs.

COMPETENCE:

- Demonstrate washing and drying salvage cover.
- Inspect cover for tears or holes.
- Mark holes if found and patch according to manufacturer or departmental guidelines (may verbalize repair procedures).
- Complete skill in allotted time.

TIME: 2 minutes per cover

WATER SUPPLY

51. Demonstrate hydrant-to-pumper hose connections to:

A. Supply a forward hose lay

REFERENCE: NFPA 1010, 2024 edition, 6.3.15

CONDITION: Wearing full structural firefighter protective clothing. Given a 2½” or larger supply hose, gate valves, spanner wrenches, and hydrant wrench. Given an apparatus operator who is not being tested. Following AHJ SOPs.

COMPETENCE:

- Select correct equipment to connect to hydrant.
- Loop hose or strap around hydrant and secure hose.
- Signal apparatus operator to proceed.
- Connect hydrant gate valves.
- Open hydrant completely and flush (open gradually to prevent water hammer).
- Charge hoseline (slowly) when signal is given.
- Shut hydrant down slowly to prevent water hammer and check drain.
- (The apparatus operator makes all pumper connections.)
- Complete skill in allotted time.

TIME: 3 minutes (shutting down hydrant not included in allotted time)

B. Supply a reverse hose lay

REFERENCE: NFPA 1010, 2024 edition, 6.3.15

CONDITION: Wearing full structural firefighter protective clothing. Given the assignment of water supply. Given 2½” or larger supply hose, gate valves, spanner wrenches, hydrant wrench, and 2-firefighter team. Given an apparatus operator who is not being tested. Following AHJ SOPs.

COMPETENCE:

- Remove and ground 50 ft. of supply hose from apparatus.
- Secure hose and signal apparatus operator to proceed to hydrant.
- At the hydrant, select correct equipment to connect to hydrant.
- Connect hydrant gate valves.
- Open hydrant completely, flush (open gradually to prevent water hammer).
- Charge supply line (slowly) when signal is given by apparatus operator.
- Shut hydrant down slowly to prevent water hammer and check drain.
- (Apparatus operator makes all pumper connections.)
- Complete skill in allotted time.

TIME: 5 minutes

52. Connect a hand lay of 300 ft. of supply line (2½” or larger) from a pumper to a water source.

REFERENCE: NFPA 1010, 2024 edition, 6.3.15

CONDITION: Wearing full structural firefighter protective clothing. Given appropriate equipment to connect to hydrant, approximately 300 ft. of supply hose, and 4-firefighter team. Following AHJ SOPs.

COMPETENCE:

- Shoulder load 50 ft. of hose (each) from hose bed, with approximately 50 ft. between firefighters.
- Lay entire length with no kinks or tangles.
- Connect to hydrant.
- Complete skill in allotted time.

TIME: 5 minutes

53. Assemble and connect the equipment necessary for drafting from a static water source.

REFERENCE: NFPA 1010, 2024 edition, 6.3.15

CONDITION: Wearing full structural firefighter protective clothing. Given 2 sections 2½” or larger hard suction hose, appropriate adapters and tools, portable water tank, and 2-firefighter team. Following AHJ SOPs.

COMPETENCE:

- Set up portable water tank.
- Check for presence of gaskets.
- Fasten rope to strainer aid in handling hard suction hose.
- Couple strainer to hard suction hose.
- Couple the two sections of hard suction hose together, taking care not to get dirt in coupling.

- Connect completed hose to apparatus.
- Use rubber mallet to ensure an airtight connection.
- Complete skill in allotted time.

TIME: 12 minutes

PORTABLE FIRE EXTINGUISHERS

54. Demonstrate the use of a portable fire extinguisher on Class A, B, and C fires.

REFERENCE: NFPA 1010, 2024 edition, 6.3.16

CONDITION: Wearing full structural firefighter protective clothing, including appropriate eye protection. Given Class A-B-C portable extinguisher. Following AHJ SOPs.

COMPETENCE:

- Select correct extinguisher for type and size of fire.
- Check pressure gauge.
- Approach fire upwind/upgrade.
- Using the Pass technique:
 - Pull pin and squeeze handle to test extinguisher.
 - Aim at base of fire.
 - Squeeze handle.
 - Sweep the nozzle back and forth at the base of the flames.
- Complete skill in allotted time.

TIME: 1 minute

FIREGROUND SUPPORT ACTIVITIES

55. Demonstrate safety procedures when using fire service lighting equipment.

REFERENCE: NFPA 1010, 2024 edition, 6.3.17

CONDITION: Wearing full structural firefighter protective clothing. Given power supply (mounted or portable), lights, cords, connectors, and ground-fault interrupter (GFI).

COMPETENCE:

- Start power supply.
- Reset ground-fault interrupter (GFI), if necessary.
- Extend cord and light.
- Illuminate light.
- Complete skill in allotted time.

TIME: 2 minutes

56. Demonstrate safety procedures for shutting off utility services to a building:

A. Shut off propane tank OR natural gas valve.

REFERENCE: NFPA 1010, 2024 edition, 6.3.18

CONDITION: Wearing full structural firefighter protective clothing. Given appropriate tool for natural gas or propane tank. Following AHJ SOPs.

COMPETENCE:

- Assess for hazards.
- Select correct tool.
- Turn valve(s) to the off position.
- Complete skill in allotted time.

TIME: 30 seconds

B. Shut off main power breaker.

REFERENCE: NFPA 1010, 2024 edition, 6.3.18

CONDITION: Wearing full structural firefighter protective clothing. Following AHJ SOPs.

COMPETENCE:

- Assess for hazards.
- Select correct breaker.
- Switch breaker to the off position.
- Complete skill in allotted time.

TIME: 30 seconds

AIR MONITORING

57. Operate, recognize, and react to alarms using an air monitoring instrument

REFERENCE: NFPA 1010, 2024 edition, 6.3.21

CONDITION: Given an air monitoring device (4-5 gas atmospheric device), calibration equipment/ bump- test, an assignment or task, so that the device is prepared and operated, and the firefighter recognizes the high-or-low level alarms of the air monitor and takes the correct actions to mitigate the hazard. Per AHJ SOPs / SOGs.

COMPETENCE:

- Verbalize the sensor capabilities of the device.
- Turn the device on.
- Perform a fresh air calibration (Per AHJ guidelines).
- Perform a bump-test to ensure alarm activation (Per AHJ guidelines)
- Operate the device in a simulated environment
- Verbalize how to recognize an alarm (Visual and audio)
- Verbalize actions to be taken upon activation of an alarm:

- Evacuation
- Alert others
- Report the readings
- Request ventilation
- Complete skill in allotted time.

TIME: 7 minutes

EXAMINATION EVOLUTIONS

In order to create a more realistic testing environment, the individual skills have been assembled into these examination evolutions. Candidates must train and complete an in-house exam on all examination skills and evolutions. During testing, candidates will be tested on a random draw of two exam evolutions and one skill. The evolutions and skill will be graded on a 100% pass/fail basis.

1. Rescue Evolution

REFERENCE: NFPA 1010, 2024 edition, 6.3.2, 6.3.3, 6.3.4, 6.3.5, 6.3.9, 6.3.10

CONDITION: Given a report of a possible rescue, and beginning in the apparatus in a seated position. Given a 2-member firefighter team wearing full structural firefighter protective clothing and SCBA and an engineer/pump operator. Given forcible entry tools, handheld radio, a minimum 300-ft.² area with limited or no visibility (upon entry), attack line with nozzle, and simulated victim. Following AHJ SOPs.

COMPETENCE:

- Use handrails and steps to dismount apparatus.
- Correctly and completely unload hose from apparatus.
- Select proper forcible entry tool(s).
- Carry tool in a safe manner.
- Completely unload and advance hose to attack position while minimizing kinks.
- Secure hose.
- Signal for water.
- Open nozzle to bleed air from attack line and check stream patten (verbalize adequate pressure).
- Don facepiece, go on air, check partner's PPE (no skin showing, PASS device activated).
- Correctly identify door type.
- Try door before prying.
- Pry or force entry near lock.
- Force door in the correct direction.
- Control the door and access.
- Sound floor for integrity, and check overhead area in room.
- Make entry searching for a victim, with or without a hoseline.
- Conduct a search.
- Use an organized search pattern, maintaining orientation.
- Call out for victim.
- Pause occasionally to listen for sounds.
- Locate victim and communicate that to command.
- Move victim out of structure using appropriate techniques.
- Maintain team integrity during evolution (sight, voice, or physical contact).
- Complete skill in allotted time.

TIME: 6 minutes (time begins on a voice command from the tester, such as "start" or "begin")

2. Salvage and Ventilation Evolution

REFERENCE: NFPA 1010, 2024 edition, 6.1.2, 6.3.1, 6.3.3, 6.3.11, 6.3.14

CONDITION: Given an assignment for salvage and ventilation, a 2-member firefighter team, helmet, hood, boots, gloves, coat and pants, SCBA, 2 minimum 10-ft.x12-ft. salvage covers, hoseline or water extinguisher, ladder, 2 pike poles, and vent fan. Following AHJ SOPs.

COMPETENCE:

Don PPE

- Don hood.
- Don and fasten all closures on pants, boots, and coat.
- Turn up collar on coat.
- Check SCBA cylinder pressure gauge (verbalize pressure).
- Open cylinder valve fully.
- Check secondary gauge to confirm similar PSI.
- Turn on PASS or ensure it is active.
- Don backpack and fasten/tighten all straps (over-the-head or coat method).
- Don facepiece, adjust head harness, check seal and exhalation valve.
- Pull protective hood over head.
- Attach regulator to facepiece.
- Don helmet with chin strap secured.
- Don gloves.
- Ensure all PPE is donned appropriately.
- Check partner's PPE (no skin showing).

Ventilate Structure

- Determine access point and fire location.
- Create appropriate exhaust opening as close to the seat of the fire as possible.
- Ensure that any exhaust opening is larger than the intake opening.
- Start positive pressure blower.
- Set blower so that the cone of air from the blower completely covers the door opening.
- Open door to structure and pressurize building.
- Set blower so placement does not interfere with entry and exit of firefighters from the building.
- Open interior doors systematically to maintain positive pressure in the structure.
- Maintain team integrity during ventilation work.

Remove Water from Structure

- Build catchall.
- Open salvage cover.
- Fold corners inward.
- Roll all sides.
- Tuck the flap to lock it into position.
- Build water chute.
- Open salvage cover.

- Roll salvage cover edges over pike poles and turn over to create water chute.
- Adjust water chute on ladder for water removal.
- Communicate that the assignment is complete to command.
- Complete skill in allotted time.

TIME: 8 minutes (time begins on a voice command from the tester, such as “start” or “begin”)

3. Defensive Operations Evolution

REFERENCE: NFPA 1010, 2024 edition, 6.3.2, 6.3.3, 6.3.8, 6.3.10, 6.3.15

CONDITION: Given assignments for defensive operations, and beginning in the apparatus in a seated position. Given a 2-member firefighter team wearing full structural firefighter protective clothing, an engineer/pump operator (who is not being tested, but is responsible for all pumper connections), an engine parked at least 40 feet from a hydrant. Given SCBA, handheld radio, minimum of 50 feet of 2½” or larger supply hoseline able to support minimum 350 GPM, gate valves, spanner wrenches and hydrant wrench, 150 feet of deployed charged attack line with nozzle, extra section of hose, hose clamp (optional), and master stream appliance. Following AHJ SOPs.

COMPETENCE:

Secure a Hydrant

- Use handrails and steps to dismount apparatus.
- Correctly unload hose from apparatus hose bed.
- Hand lay at least 50 feet of supply line.
- Select correct equipment to connect to hydrant.
- Connect hydrant gate valves.
- Open hydrant completely and flush.
- Charge supply line (slowly) when signal from engineer is given.

Deploy a Master Stream (350 GPM or Greater)

- Set up an appliance.
- Connect 100 ft. of hoseline per inlet to appliance (2½” or larger supply hose).
- Secure monitor as per manufacturer guidelines.
- Signal for water.
- Adjust stream of appliance once water is at nozzle.
- Flow water to hit target.

Extend an Already Deployed Charged Hoseline (With Nozzle)

- Apply hose clamp approximately 3–5 feet behind coupling or communicate shutdown of hoseline.
- Add a 50’ section of hose.
- Replace nozzle and charge hoseline slowly to avoid water hammer.
- Complete skill in allotted time.

TIME: 9 minutes (time begins on a voice command from the tester, such as “start” or “begin”)

4. Ladder Evolution

REFERENCE: NFPA 1010, 2024 edition, 6.3.2, 6.3.3, 6.3.6, 6.3.10, 6.3.12, 6.3.20

CONDITION: Given a ladder assignment, and beginning in the apparatus in a seated position. Given a 2-member firefighter team wearing full structural firefighter protective clothing including structural gloves and SCBA. Given a handheld radio, axe or pike pole for hoisting, toll for sounding roof, minimum 24' ladder, and rope bag. Following AHJ SOPs.

COMPETENCE:

- Use handrails and steps to dismount apparatus.
- Start 50 ft. from structure.
- Leader gives preparatory commands.
- Team lifts with legs.
- Properly carry tools and ladder to structure.
- Check for overhead obstructions (must verbalize).
- Determine structure stability (must verbalize).
- Raise fly section to proper height.
- Determine that locks are engaged (must verbalize).
- Tie off halyard.
- Check climbing angle (four points of contact with ground and building).
- Secure ladder prior to climbing.
- Go on air prior to climbing the ladder.
- Climb with arms straight and body perpendicular to the ground.
- Climb smoothly and rhythmically.
- Maintain three points of contact with ladder while climbing.
- Carry tool properly.
- Sound roof for integrity before stepping on it.
- Stay on roof supports (must verbalize).
- Hoist an axe or pike pole.
- Tie with an approved knot for hoisting (with gloves on).
- Firefighter on roof unties tool and reties tool with an approved knot for lowering (with gloves on).
- Safely lower tool to ground.
- Utilize "tag" line when appropriate.
- Complete skill in allotted time.

TIME: 9 minutes (Time begins on a voice command from the tester, such as "start" or "begin." Time stops when the tool hits the ground.)

LIVE FIRE EVOLUTIONS

1. Demonstrate an offensive attack on a passenger vehicle fire.

REFERENCE: NFPA 1010, 2024 edition, 6.3.3, 6.3.7, 6.3.8, 6.3.13

CONDITION: Given a report of a vehicle fire, a 2-member firefighter team (a 4-member engine company, with an officer and engineer fulfilling their roles) are to respond on a fire apparatus. Don PPE and SCBA prior to beginning the evolution. Given an attack line (charged), axe or Halligan bar (as a forcible entry tool), and traffic control device. Following AHJ SOPs.

COMPETENCE:

- Deploy traffic control device and establish safe work area.
- Identify automobile fuel type.
- Assess for fuel leaks.
- Completely unload attack line from apparatus.
- Open attack line and flush line.
- Set nozzle pattern between straight stream to narrow fog, 30–60 degrees.
- Attack fire from uphill/upwind if possible.
- Approach vehicle from 45-degree angle.
- Immobilize vehicle.
- Attack fire, staying away from vehicle tires and bumpers.
- Extinguish any ground fires.
- Move to fire inside vehicle.
- Gain entry into the compartment on fire.
- Overhaul all automobile compartments to find any hidden fires.
- Complete skill in allotted time.

TIME: 4 minutes (time begins when crew dismounts apparatus)

2. Demonstrate an offensive attack on a Class A exterior fire in a dumpster (or a pile of Class A material).

REFERENCE: NFPA 1010, 2024 edition, 6.3.8, 6.3.13

CONDITION: Given a report of a fire in a dumpster and a 2-member firefighter team (a 4-member engine company, with an officer and engineer fulfilling their roles). Don PPE and SCBA prior to beginning evolution. Given an attack line (charged) and appropriate tools. Following AHJ SOPs.

COMPETENCE:

- Completely unload attack line from apparatus.
- Open attack line and flush line.
- Set nozzle pattern between straight stream to narrow fog.
- Attack fire from uphill/upwind if possible.
- Extinguish any ground fires.
- Cool the approach side of the dumpster, if applicable.
- Overhaul to find any hidden fires using hand tools.

- Complete skill in allotted time.

TIME: 4 minutes (time begins when crew dismounts apparatus)

3. Demonstrate an offensive attack on an interior Class A fire, with tank water as a water source.

REFERENCE: NFPA 1010, 2024 edition, 6.3.5, 6.3.8, 6.3.10, 6.3.13

CONDITION: Given a report of a structure fire and a 2-member firefighter team (a 4-member engine company, with the officer and engineer fulfilling their roles). Don PPE and SCBA (excluding facepiece) prior to beginning evolution. Start in the seated position in the apparatus. Given a 150' minimum attack line (charged) and appropriate forcible entry tools. Following AHJ SOPs.

COMPETENCE:

- Completely unload attack line from apparatus.
- Select forcible entry tool(s) and carry to door.
- Secure hose.
- Signal for water.
- Open attack line and flush line.
- Set nozzle to appropriate pattern.
- Don facepiece, go on air, check partner's PPE (no skin showing, PASS device activated).
- Force entry on door.
- Control the door and access.
- Sound floor for integrity and check overhead area in room for extension.
- Advance into structure searching for fire and possible victims (backup firefighter carries forcible entry tool[s]).
- Find seat of fire and extinguish using the correct nozzle pattern.
- Maintain team integrity during attack (sight, voice, or physical contact).
- Overhaul to find any hidden fires.
- Contact command (interior tester) and verbalize "fire under control."
- Provide CAAN (conditions, actions, air, needs) and report (monitor smoke, heat, fire).
- Complete skill in allotted time.

TIME: 5 minutes (Time begins on a voice command from the tester, such as "start" or "begin." Time stops when competence tasks have been completed, not when the participants exit.)

4. Demonstrate an offensive attack on a Class A ground cover fire.

REFERENCE: NFPA 1010, 2024 edition, 6.3.19

CONDITION: Given a report of a ground cover fire in a 60'x60' vacant lot. A 2-member firefighter team (a 4-member engine company, with the officer and engineer fulfilling their roles) will respond on a fire apparatus. Don PPE and SCBA prior to beginning evolution. Given an attack line (charged). Following AHJ SOPs.

COMPETENCE:

- Completely unload attack line from apparatus (if necessary).

- Attack fire from blackened side of fire.
- Attack fire from downhill and upwind if possible.
- Observe weather conditions for changes.
- Maintain team integrity during attack.
- Complete skill in allotted time.

TIME: 5 minutes (time begins when team dismounts apparatus)

5. Demonstrate vertical ventilation activities in support of fire attack operations on an interior structure fire.

REFERENCE: NFPA 1010, 2024 edition, 6.3.12

CONDITION: Given a report of a structure fire and a 4-member firefighter team. Don PPE and SCBA prior to beginning evolution. Given an attack line (charged), pike pole, fire axe or chain saw, and 24' extension ladder and roof ladder. Following AHJ SOPs.

COMPETENCE:

- Determine location for ventilation hole.
- Select appropriate tools.
- Start chain saw on ground (if used).
- Remove extension ladder from apparatus and carry to access point.
- Properly position ladder and raise to roof.
- Properly climb ladder.
- Properly place roof ladder on roof.
- Determine roof integrity by sounding roof.
- Cut inspection hole or safety/Kerf cuts as necessary.
- Carry tools and equipment to roof.
- Verbalize the need for secondary means of egress.
- Select correct location above fire to cut hole while working from roof ladder.
- Cut ventilation hole.
- Communicate with interior team before using proper tool to open the ceiling.
- Maintain team integrity during ventilation work.
- Exit roof area once ventilation hole has been cut.
- Notify command that ventilation is complete.
- Complete skill in allotted time.

TIME: 8 minutes (time begins when team dismounts apparatus)

UTAH FIRE SERVICE CERTIFICATION SYSTEM

FIREFIGHTER I

NFPA 1010, 2024 Edition

FIREFIGHTER I

TRAINING RECORD/IN-HOUSE COMPREHENSIVE EXAM

Candidate Name:				Department:			
Candidate Signature:				Date of Completion:			
Chief/Training Officer Name:				Chief/Training Officer Signature:			
This form may be completed on a computer but must be printed out for the Certification tester to verify on test day. Date of completion and signatures of the chief/training officer and candidate must be original signatures. Signatures attest that all skills have been trained on and a complete in-house comprehensive exam was administered and passed. Falsification of signatures or any component of this document may result in the revocation, suspension, or denial of certification.							
ALL SHADED/BOLDED SKILLS MUST BE SIGNED OFF BEFORE LIVE FIRE TESTING MAY OCCUR							
SECTION	TRAINING RECORD		IN-HOUSE COMPREHENSIVE EXAMS			SKILLS	
	DATE	INST.	DATE	INST.	PASS		
PREREQUISITE						Present copy of CPR card and documentation of first aid training.	
GENERAL						1. Decontaminate PPE and prepare for reuse.	
						2. Don and doff structural firefighter protective clothing.	
ROPES						3. Hoist tools and equipment.	
						4A. Tie a clove hitch, running with overhand safety, or loop method.	
						4B. Tie a figure eight on a bight (with overhand safety).	
						4C. Tie a figure eight bend (joining two ropes, with overhand safety).	
						4D. Tie a water knot (with overhand safety).	
						5. Inspect, clean, and store rope.	
FIRE DEPARTMENT COMMUNICATION						6. Receive a report of a fire or emergency by telephone.	
						7. Receive a phone call (at the station) from the public.	
						8. Demonstrate the use of portable radio equipment for a MAYDAY.	
SCBA						9. Identify the components of an SCBA.	
						10. Don an SCBA.	
						11A. Demonstrate "skip breathing."	

						11B. Emergency procedures for interruption of or restricted air flow
						11C. Emergency procedures for "free-flow" of air
						11D. Emergency procedures for an exhalation valve "seared" shut
						12. Doff and perform check of SCBA after use, with a cylinder change.
						13. Inspect, clean, and sanitize an SCBA.
EMERG. RESPONSE						14. Show apparatus safety procedures during emergency response.
FORCIBLE ENTRY						15. Demonstrate properly carrying and maintenance of forcible entry tools.
						16A. Force entry on a swinging door.
						16B. Force entry on a sliding door.
						16C. Force entry on an overhead door.
						17A. Force entry on a sliding window.
						17B. Force entry on a double-hung window.
						18A. Breach a masonry wall.
						18B. Breach a metal wall.
SAFETY						19A. Use SCBA to exit through a restricted passage, without removing SCBA.
						19B. Use SCBA to exit through a restricted passage, removing SCBA.
						20A. Exit using a hoseline.
						20B. Exit using a wall.
LADDERS						21. Properly carry, position, raise, and lower a single ladder.
						22. Properly carry, position, raise, and lower a 24-ft., 28-ft., or 35-ft. extension ladder.
						23. Demonstrate proper techniques for climbing, working from, and descending an extension or aerial ladder, with a tool.
						24. Bring a victim down a ladder from a second story.
						25. Deploy a roof ladder on a pitched roof.
						26. Inspect, maintain, and clean a ground ladder.
HOSE, NOZZLES, APPLIANCES						27. Set up a master stream device.
						28. Demonstrate proper method for extending a charged hoseline.
						29. Demonstrate proper method for replacing a burst section of hose.
						30. Couple and uncouple hose (2-firefighter method).
						31A. Advance an attack line for a ground-level fire attack.
						31B. Advance an attack line up a ladder to a second-floor window or roof.

						31C. Advance an attack line up or down an inside or outside stairway.
						32A. Hose Carry: single section drain and carry.
						32B. Hose Carry: accordion shoulder carry from the ground.
						33A. Load supply hose.
						33B. Load attack lines.
						34. Roll hose in a straight roll.
						35A. Clean, inspect, and maintain a fire hose and couplings.
						35B. Clean, inspect, and maintain combination, fog, and smooth bore nozzles.
SEARCH AND RESCUE						36. Search for a victim in a structure and remove.
						37. Show how to move an unconscious victim 20 ft. (using drag method).
VENTILATION						38. Break glass while working from the ground or a ladder.
						39A. Open ventilation on a roof.
						39B. Open ventilation in a floor.
						40. Set up a blower fan for “positive” pressure.
OVERHAUL						41. Demonstrate how to expose hidden fires in walls, ceilings, and floors.
SALVAGE						42. Fold and roll a salvage cover (1- or 2-firefighter spread).
						43A. 1-firefighter deployment of a salvage cover.
						43B. 2-firefighter deployment (balloon throw) of a salvage cover.
						44. Construct a water chute.
						45. Construct a catchall.
						46. Cover or close building openings (doors, windows, floors, and roofs).
						47. Separate charred from uncharred material.
						48. Stop the flow from a discharging sprinkler head.
						49. Turn a main control valve from “open” to “closed”.
						50. Inspect, clean, and maintain a salvage cover.
WATER SUPPLY						51A. Hydrant-to-pumper connections to supply a forward hose lay.
						51B. Hydrant-to-pumper connections to supply a reverse hose lay.
						52. Connect a hand lay of 300 ft. of 2½” hose from a pumper to a water source.
						53. Assemble and connect equipment for drafting from a static water source.
FIRE EXTINGUISHER						54. Demonstrate the use of a portable fire extinguisher on Class A, B, & C fires.

FIREGROUND SUPPORT						55. Demonstrate safety procedures for lighting equipment.
						56A. Shut off a propane tank or a natural gas valve.
						56B. Shut off a main power breaker.
Air Monitoring						57. Operate, recognize, and react to alarms using an air monitoring instrument
CERTIFICATION EXAMINATION EVOLUTIONS						1. Rescue Evolution
						2. Salvage and Ventilation Evolution
						3. Defensive Operations Evolution
						4. Ladder Evolution
LIVE FIRE EVOLUTIONS						1. Demonstrate an offensive attack on a vehicle fire.
						2. Demonstrate an offensive attack on an exterior Class A fire.
						3. Demonstrate an offensive attack on an interior Class A fire.
						4. Demonstrate an offensive attack on a Class A ground cover fire.
						5. Demonstrate vertical ventilation.

FIREFIGHTER II STANDARD

FIREFIGHTER II CERTIFICATION REQUIREMENTS

Entrance Requirements

In order to certify within the Utah Firefighter II program, candidates must fulfill the following requirements:

1. Complete entrance requirements.
2. Set up and maintain department records.
3. Train on the required written and practical objectives.
4. Pass a department in-house practical skills examination.
5. Meet any other training requirements/prerequisites as defined by the Certification Council.
6. Pass both written and practical skills examinations administered by the Certification Council.
7. Request Firefighter II certification.
8. Request recertification at the end of each 3-year certification period.

Physical Fitness Requirements

The UFSCC acknowledges the importance of and need for physical fitness requirements as listed in NFPA 1010, *Standard on Professional Qualifications for Firefighters*, 2024 edition. Many agencies and departments have existing policies, regulations, etc. already in place regarding these requirements. The handling of physical fitness requirements is a **LOCAL MATTER**, outside the authority and jurisdiction of the UFSCC. The Certification Council will not check, test, evaluate, or determine how individual agencies meet these requirements. Some departments have found it necessary to waive any type of physical fitness 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 Utah Fire Service Certification Council strongly recommends careful evaluation before altering or doing away with any existing physical fitness requirements.**

Here are some of the entrance requirements outlined in NFPA 1010, 2024 edition, chapter 1:

1. Meet the minimum educational requirements established by the authority having jurisdiction.
2. Utah Fire Service Certification Council Policy 11.3 requires that a candidate be at least 18 years of age to test and be certified.
3. Meet the medical requirements of NFPA 1582, *Standard on Comprehensive Occupational Medical Program for Fire Departments* (2022), as determined by the medical authority of the AHJ.
4. Physical fitness requirements for entry-level personnel should be developed and validated by the authority having jurisdiction. Physical fitness requirements should be in compliance with applicable Equal Employment Opportunity regulations and other legal requirements.

Occupational Safety and Health Requirements

The requirements listed in NFPA 1500 (2021), chapter 7, are:

1. Meet the Protective Clothing and Protective Equipment requirements of NFPA 1500, Policy 7.13.1, A.7.13.1.
2. Meet OSHA 29 CFR 1910.134(g) on the use of respirators (under “Prohibiting conditions that may result in facepiece seal leakage”): “Respirators shall **not** be worn when conditions prevent a good face seal.”
3. Meet OSHA 1910.134 (g)(1)(i)(A) occupational safety and health regulatory requirements.

Emergency Medical Care Requirements

The following additional training requirements **must** be met before certification at the Firefighter II level will be issued by the UFSCC.

Emergency Medical Care. Applicants for state certification at the Firefighter II level must hold a current CPR certification and have received training in first aid. First aid training should include infection control, bleeding control, and shock management.

This training may be obtained through any organization that trains medical responders for CPR and first aid. A qualified instructor should teach these courses. Copies of the CPR cards (both sides) must be documented in the candidate's Training Record.

Department Training Officers

For a department to enroll in the certification process, it is necessary for the department to assign training officers. It is recommended that the department assign at least two personnel as training officers, to coordinate and provide certification training.

Department training officers shall be certified at the level they are teaching. In addition, the Certification Council strongly recommends that training officers and instructors 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 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 Utah Fire & Rescue Academy at (801) 863-7709 for assistance in setting up and monitoring certification training.

The final entrance requirement is to complete the **Intent to Participate** form (see Appendix D) and return it to the Certification Council. Remember, participation in the certification process is **VOLUNTARY**. Once you have enrolled, you can withdraw if desired.

If a department is already participating in the Utah Fire Service Certification System, it will not be necessary to file another Intent to Participate form.

FIREFIGHTER II DEPARTMENT TRAINING

The position of Firefighter II 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 1010 (2024)—including the sections listed in the chapters—and cover the skills approved by the UFSCC contained in this Utah certification standard.

All training received must be documented and recorded in the Training Record. The skills and Training Record must be completed for each person. All department in-house testing must be conducted following the Policies and Procedures of the UFSCS.

To prepare the candidate to successfully pass the state certification examination, the course material should be based on NFPA 1010 (2024) and IFSTA, *Essentials of Fire Fighting: Firefighter II*, 8th edition. The state certification examination will be scheduled upon receiving an Examination Request form from the department training officer or administrator at the conclusion of the course.

Written Objectives

The written objectives for Firefighter II are covered in the following texts:

- IFSTA, *Essentials of Fire Fighting: Firefighter II*, 8th edition
- NFPA 1010, *Standard on Professional Qualifications for Firefighters*, 2024 edition

There are numerous methods departments have used to help prepare their personnel for the written examination. Considering the high level of skill and knowledge that is required for Firefighter II, the Certification Council recommends that candidates participate in a comprehensive class and receive instruction on both skills and written requirements.

Skill Objectives

Each candidate **must** be trained and evaluated in the performance of **all** skills as found in this Utah certification standard. Each of the skill objectives shall be completed swiftly, safely, and with competence as defined below:

- **Swiftly.** Each skill objective must be completed within the allotted time.
- **Safely.** Each skill objective must be completed safely. Conduct that could injure an individual or damage equipment is unacceptable. Equipment should be checked prior to skills testing or training to see that it is safe and functional.
- **With Competence.** Each skill objective must be performed in accordance with this Utah certification standard. This includes performing the proper steps in sequence. Competence will be measured in accordance with the UFSCC skill objectives.

Department Training Records

Each candidate shall have a current, accurate, and complete Training Record on file with the department which indicates that they have been trained on all skill objectives. **The Training Record must be completed in its entirety for the candidate to be permitted to test.** Training Records may be completed on a computer or by hand. Departments may set up their own Training Records, use the one provided in this standard, or use the fillable Training Record found online on UFRA's website. If a department chooses to set up their own Training Record it must meet the following requirements:

1. Indicate the certification level and its corresponding NFPA standard number and edition.
2. Include a signature line for the candidate, which attests that all skills have been trained on and a complete in-house comprehensive exam was administered and passed.
3. Include a signature line for the chief/training officer, which attests that the candidate has been trained on all skills and a complete in-house comprehensive exam was administered and passed.
4. Include a line to record the date the Training Record was completed.
5. List all the skills from this Utah certification standard for this level. Include columns indicating the training dates, training instructors, the dates of exams, exam instructors, and whether the candidate passed each exam (see the Training Record examples in this standard).

Department In-House Skills Examinations

At the completion of the department's skills training, the department is required to hold an in-house skills examination for the level being trained. This is a comprehensive in-house skills test conducted by the department training officers. This test is to ensure that skill mastery has been maintained from the beginning to the end of the training process, and to prepare candidates for the state examination. Training officers may utilize other personnel to assist in administering the exam; however, they must be certified at the level they are in-house testing.

Proctor instructions for the examination are in Appendix C in this standard. In-house testers shall follow the proctor instruction sheet to ensure uniformity and fairness during the exam. It is recommended that 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 skill weaknesses are evident, the department should conduct additional training and hold a new department in-house skills examination to ensure their personnel have fully mastered all required skills. Only those individuals who successfully pass the department's skills test will be allowed to participate in the Certification Council's skills spot check examination. Department Training Records must show that all candidates have successfully passed the in-house exam.

FIREFIGHTER II CERTIFICATION EXAMINATIONS

After completion of the training process, the chief/administrator can request testing for the candidate using the Examination Request form (see Appendix D). The candidate will then have three attempts to pass the written examination. A separate request must be sent to the Certification Office for each attempt. Request forms must reach the Certification Office no later than 30 days prior to the examination date. The entire examination process must be completed within one year of the first written exam date.

Written Examinations

The written examination is a randomly generated test covering the written objectives of NFPA 1010 (2024).

The written examination is randomly generated **80-question** test covering the written objectives of the Firefighter II standard.

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 allowed to pass the exam. A candidate who fails the written examination three times has failed the certification process and must wait one year from the date of the last failed exam before reentering testing. Exam results are forwarded to the chief/administrator within 30 days following receipt of the completed exam.

SAMPLE WRITTEN EXAMINATION QUESTIONS

The safest recommended means for a firefighter to disconnect electrical service to a building is by:

- A. Cutting the service entrance wire
- B. Pulling the meter
- C. Locating the nearest transformer and deactivating it
- D. Shutting off the main power breaker/fuse in the panel box**

Valves for water systems are broadly divided into two types. They are:

- A. Gate and indicating
- B. Ball and check
- C. Indicating and non-indicating**
- D. Screw and yoke

Skills Spot Check Examinations

This is a two-step examination. The first step is a department records check and the second is the skills spot check examination. A Certification tester appointed by the Utah Fire Service Certification Council 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:

1. Candidate has been trained in each skill and evolution for the level being evaluated.
2. A department training officer has signed off each skill.
3. Each candidate has passed a department in-house skills examination.

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

- **Swiftly.** Each skill objective must be completed within the allotted time.
- **Safely.** Each skill objective must be completed safely. Conduct that could injure an individual or damage equipment is unacceptable. Equipment should be checked prior to skills testing or training to see that it is safe and functional.
- **With Competence.** Each skill objective must be performed in accordance with this Utah certification standard. This includes performing the proper steps in sequence. Competence will be measured in accordance with the UFSCC skill objectives.

Candidates are spot checked on the following: three skills picked at random.

No prior notification of the skills being tested will be given. This is a 100% pass/fail test. Candidates are given two attempts (if necessary) to perform each skill. If they fail on the second try, then they have failed the examination. Candidates who fail the second attempt must wait **30 days** before the third and final attempt. Candidates taking third attempts will test on the skill they missed plus an additional skill from the section of the standard they failed. **No training, teaching, or coaching is allowed during this state test.**

Candidates who have failed the third attempt of the written examination or the skills examination have failed the certification process and must wait **one year** from the date of the failed third attempt to reenter state testing. The candidate will begin testing with a new **first attempt** of the written examination, following a request for examination. If a candidate wishes to enter a new course, the candidate may petition the Certification Office to reenter the certification examination process no sooner than 120 days after their **third attempt** failure. In the petition, candidates must explain the reason(s) behind their request to reenter the process.

FIREFIGHTER II CERTIFICATION/RECERTIFICATION

When all requirements for certification have been met, applicants are eligible to be certified. The chief/administrator may apply to the Utah Fire Service Certification Council for certification for those candidates who have successfully completed the certification training/testing process. Requests for state certification must be submitted to the Certification Office using the Certification/Recertification Request form provided (see Appendix D). The names are then checked against the official state records to ensure that each individual listed has met all requirements and prerequisites.

Effective January 1, 2025, the fee structure for first, second, and third attempts on exams has changed. (See Appendix D for more details.)

Candidates who have met the requirements for certification will continue to have access to their wallet ID card and certificate online via the UFRA Certification and Training Lookup System at <https://uvu.edu/ufra/lookup/>. Patches are included with each certification (if available for that level). Additional patches are \$10. New printed certificates with an original seal attached may be requested from the Certification Department for a fee of \$20 per certificate. A hard copy wallet ID card is \$20.

The new fee structure applies to Utah fire departments only. All other Utah agencies will be assessed a \$90 fee per attempt for each level. Reciprocity is \$200 per application (for all levels), but it must include Pro Board or IFSAC certificates (with an IFSAC seal).

Prerequisites for Firefighter II Certification

To qualify to train for a certain level, candidates must have completed the prerequisites.

Training Level	Trains on	Prerequisite(s)
Firefighter II	• NFPA 1010 • IFSTA, <i>Essentials of Fire Fighting: Firefighter II</i>	Hazardous Materials Awareness and Operations, Firefighter I, Live Fire

Prior to certification at the Firefighter II level, applicants must be state certified through the Utah Fire Service Certification System at the Firefighter I level and the Hazardous Materials Awareness and Operations levels.

Training and certification at these levels may be achieved at any time during the Firefighter II training process. Firefighter II certification will not be issued until candidates have fulfilled this requirement.

Certifications are valid for a three-year period. Each certified Firefighter II responder may renew certification by having the chief/administrator of the participating agency submit a Certification/Recertification Request (see Appendix D).

Certified candidates should participate in at least 36 hours of structured class and skills training per year to maintain competency and stay current on their skills. This 36 hours is for all certified levels combined, not 36 hours for each individual level. **A total of 108 hours of training is required** for the previous three-year certification period.

For more information on Utah firefighter certification, contact:
Utah Fire Service Certification Council
Utah Fire & Rescue Academy
3131 Mike Jense Parkway, Provo, UT 84601
801-863-7709, www.uvu.edu/ufra

FIREFIGHTER II CERTIFICATION CHECKLIST

ENTRANCE REQUIREMENTS

- ☐ Each candidate has met the requirements listed in NFPA 1010 (2024).
- ☐ The department has filed an Intent to Participate form with the UFSCC.
- ☐ Each candidate has trained in the level's written objectives.

DEPARTMENT TRAINING RECORDS

- ☐ Each candidate has a Training Record on file with the department that shows:
 1. A learning experience in each skill objective
 2. Dates of training
 3. Initials of instructors
- ☐ Each candidate has trained in the level's written objectives.

DEPARTMENT IN-HOUSE SKILLS EXAMINATION

- ☐ Each candidate has successfully completed an in-house skills examination.
- ☐ Exam results are documented in department training records.

ADDITIONAL TRAINING/PREREQUISITE REQUIREMENTS

- ☐ Each candidate is certified at the Firefighter I level and Hazardous Materials Awareness and Operations levels.

CERTIFICATION EXAMINATIONS

- ☐ Each candidate has passed the UFSCC written examination.
- ☐ Each candidate has passed the UFSCC skills and/or evolution examination.
- ☐ A spot check examination was administered by an approved UFRA Certification tester.

CERTIFICATION

- ☐ The chief/administrator has requested certification for candidates using the Certification/Recertification Request.

FIREFIGHTER II SKILL OBJECTIVES

For the skills in this section, the AHJ must be able to provide a safe testing environment for the candidates and accept all liability for candidate safety.

****According to NFPA 1500, the visor is not considered appropriate eye protection.****

GENERAL

1. Demonstrate procedures for assuming and transferring command at an emergency scene, utilizing the incident command system (ICS).

REFERENCE: NFPA 1010, 2024 edition, 7.1.1, 7.1.2, 7.2.2

CONDITION: Given a sample incident scenario and an initial report form.

COMPETENCE:

- Give a brief size-up:
 - Unit on scene
 - Location
 - Type of building/occupancy
 - Current conditions (this is what I see)
 - Declare a strategy.
 - Identify side “A.”
 - Establish incident command and accountability, and announce location.
 - Name the incident.
- Initial actions (what I need to do immediately)
- Request additional resources if needed.
- Transfer command (utilizing department guidelines).
- Complete skill in allotted time.

TIME: 2 minutes

FIRE DEPARTMENT COMMUNICATIONS

2. Complete a basic fire report: a Utah Fire Incident Report (UFIRS).

REFERENCE: NFPA 1010, 2024 edition, 7.2.1

CONDITION: Given a UFIRS Incident Report form or computer software used by AHJ and a fire scenario

COMPETENCE:

- Complete all required blanks/boxes for scenario.
- Correct data and information.
- Check spelling.
- Check for legibility.
- Ensure that other pertinent information is recorded in narrative.
- Complete skill in allotted time.

TIME: 15 minutes

FIREGROUND OPERATIONS

Skills 3, 4, 5 must be trained/tested in compliance with the adopted edition of NFPA 1403, *Standard on Live Fire Training Evolutions*.

3. Demonstrate the correct procedures for extinguishing an exterior combustible liquids fire with a foam fire stream.

REFERENCE: NFPA 1010, 2024 edition, 7.3.1

CONDITION: Given a scenario, wearing full structural firefighter protective clothing and SCBA. Given an attack line, foam concentrate, foam system/equipment, foam nozzle, and 2-member firefighter team.

COMPETENCE:

- Assemble foam application system, if applicable.
- Select correct concentration.
- Approach the spill uphill and upwind if possible as part of a coordinated team.
- Demonstrate proper application techniques (Bank, Roll, or Rain).
- Retreat from spill, maintaining team integrity.
- Complete skill in allotted time.

TIME: 5 minutes

4. Coordinate an interior attack line for team's accomplishment of an assignment in a structure fire.

REFERENCE: NFPA 1010, 2024 edition, 7.3.2, 7.3.3

CONDITION: As the senior firefighter (team leader), given a scenario (for example: an attic, grade level, upper level, or basement level fire), coordinate an interior attack. Given a 3-firefighter team, wearing full structural firefighter protective clothing and SCBA. Given 150 ft. of charged attack line, forcible entry tools, and thermal imaging camera (TIC).

COMPETENCE:

- Determine location of fire: attic, grade level, upper level, or basement level.
- Receive a 360 walk-around report.
- Ensure overhead spaces are checked for fire.
- Ensure the floor has been sounded.
- Communicate CAAN (Conditions, Actions, Air, Needs) Report to command (monitor smoke, heat, fire).
- Communicate attack method to team members.
- Communicate interior fire conditions to team and IC.
- Communicate rescue and ventilation needs with IC.
- Advance to seat of fire and extinguish.
- Utilize a TIC to search for victims, fire, and hotspots.
- Maintain team integrity (sight, voice, or physical contact).
- Maintain situational awareness (has egress been established and protected?).
- Verbalize that routes of egress have been established and protected.

- Complete skill in allotted time.

TIME: 6 minutes

5. Demonstrate the correct procedures for control of a fire involving a flammable gas cylinder, by cooling the vapor space in the tank and monitoring the cylinder while approaching the tank to close the service line valve.

REFERENCE: NFPA 1010, 2024 edition, 7.3.3, 7.3.4

CONDITION: Given a scenario, wearing full structural firefighter protective clothing and SCBA. Given an adequate water supply, master stream appliance, 100 ft. of (2 to 2½" or larger) hoses, 2 attack lines, 2 combination nozzles, flammable gas cylinder outside of a structure, a 9-firefighter team, appropriate tools, and thermal imaging camera (TIC).

SAFETY: Controlling flammable gas cylinder fires can be a very dangerous operation. The Firefighter II candidate should act as a team member under the direct supervision of an officer during this operation.

COMPETENCE:

- Apply solid stream to vapor space of tank from maximum effective reach (if it can be accomplished safely, as far as distance and location, until pressure relief valves are closed).
- Identify contents.
- Evaluate cylinder integrity and liquid levels in container using TIC.
- Confirm order with officer to approach tank to shut off valve(s).
- Identify escape routes and safe havens.
- Extend hoselines to isolate control valve(s), upwind and uphill.
- Perform a coordinated advance to cylinder.
- Adjust nozzle patterns during advance for crew protection.
- Try not to extinguish flame.
- Close valve(s) completely without breaking protective fog stream.
- Perform a coordinated retreat from cylinder.
- Maintain team integrity and monitor situational awareness.
- Continue monitoring pressure relief valves.
- Complete skill in allotted time.

TIME: 20 minutes

6. Protect evidence of fire cause and origin so that the evidence is properly protected from further disturbance.

REFERENCE: NFPA 1010, 2024 edition, 7.3.5

CONDITION: Given a scenario, wearing full structural firefighter protective clothing and SCBA. Given a flashlight, overhaul tools, and hoseline or water extinguisher.

COMPETENCE:

- Identify the possible fire origin area.

- Identify possible sources of fire ignition (verbalize).
- Identify types of evidence (verbalize).
- Protect any evidence by leaving it where it was found.
- Establish barriers to protect the scene and evidence as found.
- Notify command or fire investigator of findings.
- Complete skill in allotted time.

TIME: 5 minutes

RESCUE OPERATIONS

SAFETY NOTE: While conducting rescue operations around vehicles, safety should be exercised with regard to automobile airbags. Many vehicles have airbags on both the driver and passenger sides of the vehicle. Many vehicles also have airbags in the doors or roofs. While training on these skills, exercise caution to protect firefighters from accidental airbag activation. Always disconnect the batteries while training on vehicles, keeping in mind that the reserve energy supply can maintain sufficient voltage to deploy an airbag after the battery has been disconnected. Stay out of the path of any un-deployed airbag.

- 7. Displace or remove the following vehicle parts to extricate an entrapped victim of a motor vehicle accident. (Candidates do not have to perform actual cuts/actions during testing. The actions must be simulated with the equipment on hand. Candidates shall demonstrate every skill during training.)**

A. Vehicle windshield

REFERENCE: NFPA 1010, 2024 edition, 7.4.1, 7.4.2

CONDITION: Given a scenario, wearing full structural firefighter protective clothing, including appropriate eye protection. Given a vehicle, cribbing, extrication equipment used by the department, and a 2-firefighter team.

COMPETENCE:

- Conduct a size-up and establish a safety zone.
- Crib vehicle for safety.
- Disconnect the vehicle battery.
- Maintain victim safety.
- Move or remove windshield.
- Complete skill in allotted time.

TIME: 10 minutes

B. Vehicle roof

REFERENCE: NFPA 1010, 2024 edition, 7.4.1, 7.4.2

CONDITION: Given a scenario, wearing full structural firefighter protective clothing, including appropriate eye protection. Given a vehicle, cribbing, extrication equipment used by the department, and a 4-firefighter team.

COMPETENCE:

- Conduct a size-up and establish a safety zone.

- Crib vehicle for safety.
- Disconnect the vehicle battery.
- Check for supplemental safety restraint systems.
- Remove side and rear windows as needed.
- Maintain victim safety during roof removal.
- Cut necessary roof posts and move or remove roof entirely.
- Complete skill in allotted time.

TIME: 5 minutes using powered equipment
10 minutes using hand tools

C. Vehicle door

REFERENCE: NFPA 1010, 2024 edition, 7.4.1, 7.4.2

CONDITION: Given a scenario, wearing full structural firefighter protective clothing, including appropriate eye protection. Given a vehicle, cribbing, extrication equipment used by the department, and a 2-firefighter team.

COMPETENCE:

- Conduct a size-up and establish a safety zone.
- Crib vehicle for safety.
- Disconnect the vehicle battery.
- Remove windows as needed.
- Check for supplemental safety restraint systems.
- Maintain victim safety.
- Move or remove door.
- Complete skill in allotted time.

TIME: 5 minutes using powered equipment
15 minutes using hand tools

D. Displacing a dashboard

REFERENCE: NFPA 1010, 2024 edition, 7.4.1, 7.4.2

CONDITION: Given a scenario, wearing full structural firefighter protective clothing, including appropriate eye protection. Given a vehicle, cribbing, extrication equipment used by the department, and a 2-firefighter team.

COMPETENCE:

- Conduct a size-up and establish a safety zone.
- Crib vehicle for safety.
- Disconnect the vehicle battery.
- Remove glass as needed.
- Check for supplemental safety restraint systems.
- Maintain victim safety during dashboard displacement.
- Displace the dashboard.
- Complete skill in allotted time.

TIME: 10 minutes using powered equipment
20 minutes using hand tools

PREVENTION, PREPAREDNESS, AND MAINTENANCE

8. Perform a fire safety survey in an occupied structure.

REFERENCE: NFPA 1010, 2024 edition, 7.5.1

CONDITION: Given an assignment, clipboard, pencil, form as used by AHJ.

COMPETENCE:

- Contact owner/occupant.
- Explain purpose and benefit to owner/occupant.
- Conduct survey, and identify fire hazards.
- Recommend appropriate resolutions to owner/occupant.
- Discuss general fire safety information with them.
- Conclude survey.
- Complete inspection form.
- Complete skill in allotted time.

TIME: 20 minutes

9. Present fire safety information to station visitors or small groups.

REFERENCE: NFPA 1010, 2024 edition, 7.5.2

CONDITION: Given prepared materials used by the AHJ and one of the following topics: Stop, Drop, and Roll; Stay Low and Go; etc.—so that all information is presented and accurate.

COMPETENCE:

- Determine the audience and safety topic to be taught.
- Conduct presentation according to lesson outline.
- Return equipment and materials according to department policy.
- Record information about the presentation in appropriate database.
- Complete skill in allotted time.

TIME: 20 minutes

10. Prepare a pre-incident survey.

REFERENCE: NFPA 1010, 2024 edition, 7.5.3

CONDITION: Given an assignment, form and symbols used by AHJ, clipboard, graph paper, pencils, electronic devices (tablets, PCs, etc.).

COMPETENCE:

- Draw a plot plan.
- Draw a floor plan.
- Identify utility controls.
- Identify means of egress.
- Identify occupant information.

- Identify occupancy or life safety hazards.
- Provide recommendations to correct hazards.
- Identify suppression systems and controls.
- Identify detection systems and controls.
- Use standard mapping symbols and abbreviations.
- Complete skill in allotted time.

TIME: 30 minutes

11. Demonstrate the service and maintenance of portable power plants and lighting equipment.

REFERENCE: NFPA 1010, 2024 edition, 7.5.4

CONDITION: Given a gasoline-powered generator, electrical power cords, portable lighting, and logbook used by the AHJ.

COMPETENCE:

- Check oil and fuel for “full” level, if applicable.
- Check air cleaner element for debris, if applicable.
- Check all wiring for deterioration and proper connection, if applicable.
- Check unit for loose bolts or screws.
- Check electrical cords to ensure insulation is not damaged.
- Check portable lights for damage.
- Start unit and test operation of lighting equipment.
- Document maintenance of equipment in logbook.
- Complete skill in allotted time.

TIME: 5 minutes

12. Demonstrate an annual service test for fire hose.

REFERENCE: NFPA 1010, 2024 edition, 7.5.5

CONDITION: Given fire helmet and gloves, a 2-firefighter team and a pump operator not being evaluated if using a department pumper. Given 150–300 ft. of 1½” or larger hose, hose testing machine or fire department pumper, appropriate test valve, nozzle, marking pen, and hose records used by the AHJ.

COMPETENCE:

- Connect hose sections together (check gaskets before connecting).
- Connect test length to an open test gate valve.
- Attach nozzle to open end of the hoseline.
- Fill hose with a pump pressure of 50 psi or to hydrant pressure.
- Tighten connections between sections with spanner.
- Discharge all air from hoseline.
- Check hose for kinks, twists, or leaking connections.
- Mark hose jackets against each coupling.
- Close test gate valve.
- Increase pump pressure to the required test pressure, per manufacturer recommendations.
- Maintain test pressure for 5 minutes (maintain pressure for 1 minute for certification test).

- Slowly reduce pump pressure.
- Close discharge valves and open nozzle to drain pressure from hoseline.
- Put check marks on the hose at the couplings.
- Record the test results for each section of hose.
- Complete skill in allotted time.

TIME: 6 minutes

UTAH FIRE SERVICE CERTIFICATION SYSTEM

FIREFIGHTER II

NFPA 1010, 2024 Edition

FIREFIGHTER II TRAINING RECORD/IN-HOUSE COMPREHENSIVE EXAM

Candidate Name:			Department:			
Candidate Signature:			Date of Completion:			
Chief/Training Officer Name:			Chief/Training Officer Signature:			
This form may be completed on a computer but must be printed out for the Certification tester to verify on test day. Date of completion and signatures of chief/training officer and candidate must be original signatures. Signatures attest that all skills have been trained on and a complete in-house comprehensive exam was administered and passed. Falsification of signatures or any component of this document may result in the revocation, suspension, or denial of certification.						
SECTION	TRAINING RECORD		IN-HOUSE COMPREHENSIVE EXAMS			SKILLS
	DATE	INST.	DATE	INST.	PASS	
GENERAL						1. Assume and transfer command at emergency scene using ICS.
COMMUNICATIONS						2. Complete a Utah Fire Incident Report (UFIRS).
FIREGROUND OPERATIONS						3. Demonstrate extinguishing an exterior combustible liquids fire with a foam fire stream.
						4. Coordinate an interior attack for a team's assignment in a structure fire.
						5. Demonstrate controlling a flammable gas cylinder fire.
						6. Protect evidence of fire cause and origin.
RESCUE OPERATIONS						7A. Displace or remove a vehicle windshield.
						7B. Displace or remove a vehicle roof.
						7C. Displace or remove a vehicle door.
						7D. Displace a vehicle dashboard.

						8.Perform a fire safety survey in an occupied structure.
						9.Present fire safety information to station visitors or small groups.
						10.Prepare a pre-incident survey.
						11.Demonstrate service/maintenance of portable power plants and lighting equipment.
						12.Demonstrate an annual service test for fire hose.

APPENDIX A

KNOTS

Clove Hitch



Step 1



Step 2



Step 3



Step 4



Step 5

Figure Eight on a Bight



Step 1



Step 2

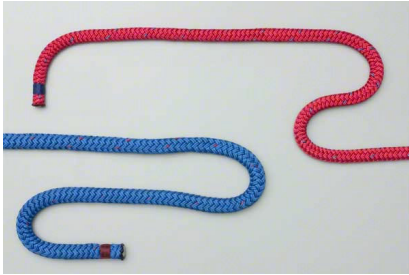


Step 3

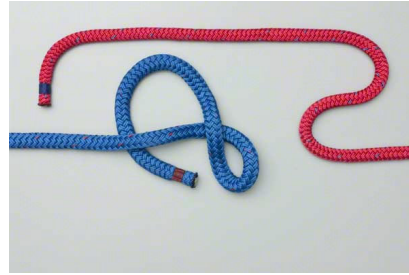


Step 4

Figure Eight Bend (joining two ropes)



Step 1



Step 2



Step 3



Step 4



Step 5



Step 6



Step 7



Step 8



Step 9



Step 10

Water Knot



Step 1



Step 2



Step 3



Step 4



Step 5



Step 6



Step 7



Step 8



Step 9



Step 10



Step 11



Step 12

APPENDIX B
SAMPLE TACTICAL WORKSHEET



Fire Incident Tactical Worksheet

Command Name _____

Initial Size-Up:

Channel _____

☐ Working Fire Notifications:

☐ 1st Alarm ☐ 2nd Alarm ☐ Additional Alarms / staging

☐ On-scene teleport:

On-scene teleport: Building Type / Smoke conditions / Threats: Exposures

☐ Decline Strategy: ☐ Offensive ☐ Defensive

☐ Decline MOO: ☐ Investigative ☐ Fast Action, ☐ Command

☐ Establish Command:

On-scene / Incident Commander / Designate: A, Side / Command Post Location

☐ Designate- Accountability Location:

☐ Initial operations / Urgent Needs / Instructions to incoming units:

IN	DAYTIME Lost or Trapped Firefighters
Emergency Lathes Declared	
RE Depjored	
Upgrade the assignment	
PA. from AU crews in the hazard zone	
nt (ChJo, e) assigned for rbe	
S: Pec, f.	
Toc, I, neM	
Time the MA'IDA' was called	

8e11chmarks: ☐ All Clear ☐ Fire Control ☐ Losses stopped

Elapsed Time Notification: 10 20 30 40 50 60
PAR TM &m,

UNITS

UNIT	11	SIG	AGED?	AS SIGN?

ACTIONS:

☐ Fire Attack:

☐ Determine flow path

☐ Initial Lir.es

☐ Back-up

☐ FIC/Standpipe

☐ Exposure Protection

☐ Search/Rescue

☐ Evacuation

☐ Ventilation

☐ Water Supply

☐ Secondary Water Supply

☐ IRIC

☐ RIC

☐ Assign Safety Officer

☐ Utilities

☐ Gas

☐ Electric

☐ Water

☐ Rehab

☐ Salvage

☐ Overhaul

☐ Medical

☐ Occupant Services

☐ Police/Traffic Control

☐ PIO

☐ Red Cross

☐ Health Department

☐ Boardup Company

☐ Building Inspector

IRIC or RIC

Safe

Rehab

APPENDIX C
IN-HOUSE PROCTOR INSTRUCTIONS

Proctor Instructions for In-House Comprehensive Examinations

As the training officer for your department, you are authorized by the Certification Council to conduct an in-house skills examination (100%) for this level of certification. You must be certified to the level that you are testing. For example, if you're FF II, you can test both FF I and II, Awareness and Operations. The in-house skills examination must be completed and signed off prior to the actual certification spot check exam (administered by a UFRA Certification tester).

- **Prior to conducting the test, review each candidate's Training Record.**

It is important that before doing this in-house training skills test, the candidate has completed training in all areas for the level being tested.

- **Select and brief a safety officer.**

Select a safety officer to assist you during the test. This person is there to protect the candidates from injury during the testing process, is not taking the test, and is not assisting with the testing process. The safety officer must be qualified at the level being tested.

To better evaluate the skills being tested and determine the candidate's readiness for the state spot check exam, follow these in-house exam instructions:

1. This is a TEST and there should be NO COACHING or TRAINING during the testing process. If a candidate fails to perform a skill, that skill will count as a first attempt failure and they will be given a second attempt. If they fail a second attempt, 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.
2. Before beginning the testing process, conduct a meeting 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 exam will be used during the state exam.
3. Designate two separate areas for students testing: one area for those who are in the testing process and one area for those who have not yet begun the testing process. If separate areas are not available, make sure someone is in the room to ensure that students do not discuss the testing material. Make sure these areas have no training manuals or other reference materials for students to look at while awaiting testing.
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 a priority while completing the skill.
5. At each test station, the tester will read the skill to be demonstrated, the condition 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 candidate's Training Record.

By conducting the in-house skills examination in this manner, you will prepare your candidates to successfully pass the state spot check exam. This will also ensure that Training Records are current and that only those who are truly prepared take the certification examination.

APPENDIX D
CERTIFICATION FORMS AND FEES

LOCATING CERTIFICATION FORMS & FEES

Certification forms and fees are located on UFRA's website at
UVU.edu/UFRA under "Certification":
https://www.uvu.edu/ufra/certification/certification_forms.html