

Minnesota Fire Service Certification

Live Fire Instructor

NFPA 1041 - 2019 Edition

Prerequisite

A completed application and payment plan are required one week before taking the Live Fire Instructor certification test. The candidate must have participated as a member of a Fire Control Team at a minimum of five structure burns and hold current certifications for Fire Fighter II, Fire Instructor I and Officer I. (Must submit attestation of Fire Control Team participation with application.) The candidate must have the knowledge outlined in NFPA 1041, 2019 Edition, Standard for Fire and Emergency Services Instructor Professional Qualifications. There are several ways to obtain the knowledge and skills necessary to pass the exam, such as a technical college program, an individual fire department training, home study, etc. The Minnesota Fire Service Certification Board does not provide any training, nor do we provide examination reviews.

Standard

NFPA 1041, Standard for Fire and Emergency Services Instructor Professional Qualifications, 2019 Edition. The questions and skills are designed to test the candidate on the knowledge and proficiencies as outlined in NFPA 1041 for Live Fire Instructor. All questions have been referenced to a specific standard in NFPA 1041.

Reference List (V9.0)

The textbooks and reference documents listed below were used in developing the test questions and the practical exams for the certification test. The candidate should have knowledge of the information contained in these books:

- Jones and Bartlett, Live Fire Training, Principles and Practice to NFPA 1403, Second Edition
- NFPA 1041, Standard for Fire and Emergency Services Instructor, 2019 Edition
- NFPA 1403, Standard on Live Fire Training Evolutions, 2018 Edition
- MBFTE Live Burn Plan, 2020 Edition

Test

The written test is made up of 100 multiple-choice questions selected at random from a test bank of 332 questions. A score of 70% must be achieved in order to receive a passing score. The skills test will require the candidate to complete all five skills to prove proficiency in the areas outlined in NFPA 1041, 2019 Edition.

Test Cost

\$183.75

Re-certification

- Every three years.
- Requires 60 hours of Live Burn training and/or activity and 12 hours of continuing education for every three-year period.
- Re-certification cost: \$26.25.

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Requirements:

1. **Required prerequisites:** The candidate must have participated as a member of a Fire Control Team at a minimum of five structure burns and hold certifications for Fire Fighter II, Fire Instructor I and Officer I. (Must submit attestation of Fire Control Team participation with application.)
2. **Completed application form and fee of \$183.75 is covered.**
3. **Candidate will be required to complete a written exam and all of the 5 skill stations.**
4. **Candidate will have 6 months to complete practical and written test.**

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SKILL STATION 1

INSPECT PPE/SCBA

Candidate Name: _____

Evaluator: _____

Reference: NFPA 1041 - 2019 Edition: 7.2.1

Inspect live fire participants' PPE and SCBA, given participants and PPE and SCBA, so that that equipment is determined to be serviceable and worn in accordance with manufactures instructions.

The candidate shall deliver the performance review with the evaluator as the recipient. Candidate will do this in an appropriate professional manner.

Did the candidate, as instructed, demonstrate competency in the following:

	<u>Deduction Points</u>
Inspect required PPE for any damage or defects	_____ 20
Inspect SCBA for damage or defects	_____ 20
Inspect student to assure that turnout gear is donned properly	_____ 10
Inspect that student has SCBA donned properly	_____ 10
Inspect that student has a proper face piece seal	_____ 10
Conducts air pack drill to assure that candidate knows how to use SCBA in an emergency	_____ 10
Listens to student questions and gives concise complete answers	_____ 10
Adequately documents the discussion	_____ 10
	Total Points 100

Candidate Score _____

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SKILL STATION 2

FIRE SET PREPARATION AND FLOW PATH

Candidate Name: _____

Evaluator: _____

Reference: NFPA 1041 - 2019 Edition: 7.3.1

Given a graphic of a fire room. The candidate will establish the location and construction of the fire set. Location of the fire room entrance, vent openings and room size will be taken into consideration.

The candidate shall describe burn room set up and preparation with the evaluator.

Did the candidate, as instructed, demonstrate competency in the following:

	<u>Deduction Points</u>
Recognize the size of the room	15
Calculate the amount of water flow required to extinguish the fire	20
Establish the proper placement of the fire set in the room	15
Establish the proper size of set in the room (amount of pallets and straw)	15
Identifies the ventilation opening for the room	20
Identifies the entrance to the room	15
Identifies an emergency exit for the students (Auto fail)	FAIL

Total Points 100

Candidate Score _____

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SKILL STATION 3

SUPERVISE A GROUP DURING A LIVE FIRE EVOLUTION

Candidate Name: _____

Evaluator: _____

Reference: NFPA 1041 - 2019 Edition: 7.3.2

In a simulated burn room, candidate will describe fire progression, attack line control, proper placement of hose stream, ventilation procedures, overhaul, and emergency procedures to the probational fire fighter.

The candidate shall describe burn room set up and preparation with the evaluator

Did the candidate, as instructed, demonstrate competency in the following:

	<u>Deduction Points</u>
Inspect that the nozzle is set correctly	_____ 10
Describe the expected fire progression to the students	_____ 10
Described expectations and hose line requirements for each student	15
Discuss proper team placement in the structure to assure team safety	15
Discussed proper hose stream application for safe extinguishment of the fire	15
Discuss ventilation procedures for the fire room	15
Discuss overhaul of the fire	_____ 10
Oversee communication of the fire attack progress to IC	_____ 10
Discussed emergency withdrawal procedures with the students (Auto fail)	FAIL

Total Points 100

Candidate Score _____

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SKILL STATION 4

ACCOUNTABILITY

Candidate Name: _____

Evaluator: _____

Reference: NFPA 1041 - 2019 Edition: 7.3.3

Conduct a personnel accountability report upon entrance and exit of a fire building so that all participants are accounted for and student safety is assured.

The candidate will deliver a Personnel Accountability Report (PAR).

Did the candidate, as instructed, demonstrate competency in the following:

	<u>Deduction Points</u>
Make sure that all students have an accountability tag	_____ 10
Prior to entry, direct that all team members give their tag to the accountability officer	_____ 10
Maintain team accountability while in the structure	_____ 20
Report any loss of PAR to IC immediately (Auto fail)	_____ FAIL
Oversee a PAR report when requested by IC	_____ 20
Conduct PAR when the team exits the building	_____ 20
Assures that all students retrieve their tags from the accountability officer	_____ 20

Total Points 100

Candidate Score _____

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SKILL STATION 5

MONITOR FIRE STUDENTS

Candidate Name: _____

Evaluator: _____

Reference: NFPA 1041 - 2019 Edition: 7.3.4

The candidate will perform a post fire attack review and rehabilitation with the students.

The candidate will perform a Personnel Accountability Report (PAR).

Did the candidate, as instructed, demonstrate competency in the following:

	<u>Deduction Points</u>
Ask the students if they are feeling tired or ill	_____ 10
Ask the students if there were any injuries that occurred during the fire attack	_____ 20
Candidate notified the lead instructor and IC of any injuries that occurred	_____ 20
Inspect students gear for any signs that may indicate exposure	_____ 10
Inspected blood pressure results from rehab for any indicators of a health issue	_____ 20
Discuss any safety issues that may have occurred during fire attack	_____ 10
Candidate discussed the importance of team unity during a fire attack	_____ 10

Total Points 100

Candidate Score _____