



STATE OF CONNECTICUT
COMMISSION ON FIRE PREVENTION AND CONTROL
CONNECTICUT FIRE ACADEMY



TEL: (860) 627-6363

34 PERIMETER RD. WINDSOR LOCKS, CONNECTICUT 06096

Fire Service Certification Examination Criteria

Firefighter II

The certification examination process for the level of Firefighter II conducted by the State of Connecticut Commission on Fire Prevention and Control consists of three components:

Written Examination
Live Fire Verification
Practical Skills Examination

Section One – Written Examination

The written examination will consist of 160 questions in one or more of the following formats: multiple choice, true/false, and/or matching given in a 2 hour time period. The examination is designed to examine the candidate's knowledge of the cognitive objectives of the 1997 edition of National Fire Protection Standard 1001, Firefighter II, in the following objectives: General; Fire Department Communications; Fireground Operations; Rescue Operations; Prevention, Preparedness, and Maintenance; and Hazardous Materials Operational.

The reference materials from which the questions for this examination will be drawn are: IFSTA: Essentials of Firefighting, 4th edition; Hazardous Materials: Managing the Incident, 2nd, edition; DOT Emergency Response Guidebook, 1996 edition.

Sample Questions

The following are sample questions to represent the type of questions a candidate may be asked to answer during the examination. The subject matter of the Sample Questions may or may not be consistent with the subject matter of this examination.

1. The form of energy that raises temperature and is measured by the amount of work it does is termed...

- A. British Thermal Unit
- B. Heat
- C. Ignition Temperature
- D. Flashover

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2. A fire extinguisher rated “BC” is designed to extinguish fire involving ordinary combustibles.

True/False

3. Of the following, which is not a respiratory hazard for the firefighter?

- A. Heat
- B. Smoke
- C. Oxygen deficiency
- D. Large pieces of broken glass

4. Match the terms listed in Column A with the appropriate definition listed in Column B:

Column A	Column B
Head	A. Where a fire started
Origin	B. Burns slowly and easy to control
Spot Fire	C. Unburned area inside the perimeter
Heel	D. Caused by flying sparks or embers
	E. Hottest part of a fire that spread rapidly

5. The use of a solid or penetrating fog stream on the base of a fire is termed.....

- A. an indirect attack
- B. a direct attack
- C. a combination attack
- D. a straight attack

ANSWERS: 1. B 2.False 3.D 4. E, A, D, B 5. B

Section Two – Live Fire Verification

The Commission on Fire Prevention and Control has determined that the Live Fire Suppression requirements of the 1997 edition of National Fire Protection Standard 1001, Firefighter II, shall be addressed via a sign off process by the Chief of Department or Director of a Regional Fire School. See the attached Firefighter II Certification Live Fire Suppression Verification Form for complete instructions. This form must be submitted to the Certification Division prior to the granting of certification.

Section Three – Practical Skills Examination

Notice: This Practical Skills Examination requires the participant to undergo vigorous physical exertion for an extended period of time.

The candidate will be examined in selected psychomotor objectives as required by the 1997 edition of National Fire Protection Standard 1001, Firefighter II. The Practical Skills examination will consist of up to 6 practical skills stations which will examine the various subject areas of this level. Each station will consist of one or more practical skills sheets. All candidates shall be prepared to perform all practical skills sheets as notification of which skills are to be examined will be given only on the examination day.

Attached is a Sample Practical Skills Sheet that represents the type of evaluation tool that will be used in this examination. The subject matter of the Sample Practical Skills Sheet may or may not be consistent with the subject matter of this examination. The complete set of Practical Skills Sheets for this level may be obtained from the Commission on Fire Prevention and Control's Certification or Training Divisions.

PASS/FAIL Criteria:

The candidate must receive at least a 70% score on the written examination and must pass all practical skills examination stations with a score of at least 70% on all practical skills sheets with no failures in any identified critical skills.

In accordance with State of Connecticut Regulations, candidates will be notified of written examination scores within 6 weeks of the examination and will be verbally notified of Practical Skills Examination scores by the end of the examination day or by first class mail within 4 – 6 weeks of the examination.

Retest procedures are contained in the State of Connecticut Commission on Fire Prevention and Control Regulations, on the CT Fire Net Web Site (www.state.ct.us/cfpc), or by calling the Commission's Certification Division at 860-627-6363, extension 225.

Application Process:

The candidate must submit the attached, completed, Firefighter II Certification Examination Application form at least 10 days prior to the scheduled date of the examination and must comply with all other examination requirements and prerequisites.



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National Fire Protection Association Standard 1001
 1997 Edition

Firefighter II Certification Live Fire Suppression Verification Form

This is to attest that:

Name of Candidate	SS #
Name of Department	

Has successfully completed the following Live Fire Suppression Evolution (either in actual suppression activities or during formal training conducted in accordance with the applicable portions of NFPA Standard 1403, Standard on Live Fire Training Evolutions, 1997 edition). Completion of the evolution shall have addressed all requirements of the specified Job Performance Requirement. (See reverse side of this form for a complete Job Performance Requirement description).

Objective #	Job Performance Requirement	Date Completed
4-3.2	Coordination of Interior Fire Attack - Various Levels	

And

Has successfully completed **one or more** of the following Live Fire Suppression Evolutions (either in actual suppression activities or during formal training conducted in accordance with the applicable portions of NFPA Standard 1403, Standard on Live Fire Training Evolutions, 1997 edition). Completion of the evolution shall have addressed all requirements of the specified Job Performance Requirement. (See reverse side of this form for a complete Job Performance Requirement description).

Objective #	Job Performance Requirement	Date Completed
4-3.1	Ignitable Liquid Fire Extinguishment w/ Foam	
4-3.3	Flammable Gas Cylinder Fire Control	

This form is **NOT** valid without signature below:

Chief of Department or Designee

Printed name	Signature	Date
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OR

Director of Regional Fire School or Designee

Printed name	Signature	Date
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Objective # Job Performance Requirement

4-3.1	Ignitable Liquid Fire Extinguishment w/Foam Extinguish an ignitable liquid fire, operating as a member of a team, given an assignment, an attack line, personal protective equipment, a foam proportioning device, a nozzle, foam concentrates, and a water supply, so that the proper type of foam concentrate is selected for the given fuel and conditions, a properly proportioned foam stream is applied to the surface of the fuel to create and maintain a foam blanket, fire is extinguished, reignition is prevented, team protection is maintained with a foam stream, and the hazard is faced until retreat to safe haven is reached.
4-3.2	Coordination of Interior Fire Attack - Various Levels Coordinate an interior attack line team's accomplishment of an assignment in a structure fire, given attack lines, personnel, personal protective equipment, and tools, so that crew integrity is established; attack techniques are selected for the given level of the fire (for example, attic, grade level, upper levels, or basement); attack techniques are communicated to the attack teams; constant team coordination is maintained; fire growth and development is continuously evaluated; search, rescue, and ventilation requirements are communicated or managed; hazards are reported to the attack teams; and incident command is apprised of changing conditions.
4-3.3	Flammable Gas Cylinder Fire Control Control a flammable gas cylinder fire operating as a member of a team, given an assignment, a cylinder outside of a structure, an attack line, personal protective equipment, and tools, so that crew integrity is maintained, contents are identified, safe havens are identified prior to advancing, open valves are closed, flames are not extinguished unless the leaking gas is eliminated, the cylinder is cooled, cylinder integrity is evaluated, hazardous conditions are recognized and acted upon, and the cylinder is faced during approach and retreat.



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Sample Firefighter I

Skill No.	3-12C.3	Primary Task:	Coupling and Uncoupling Hose 3-12.4c
Objective(s):	3-12.4c	NFPA Standard:	1001
Performance evaluation sheet			
Task			
1 st 2 nd			
ONE PERSON			
1. Couples two lengths (Fire Attack Line)..Min. 1 1/2" using foot – tilt method			
2. Uncouples hose lines used in step #1 using knee – press method			
3. Couples two lengths (supply line)..Min. size 2 1/2" using foot – tilt method			
4. Uncouples hose lines used in step #3 using knee-press method			
TWO PERSON			
1. Couples two lengths – Min. size 1 1/2"			
2. Uncouples lines used in Step #1 using stiff – arm method			
3. Couples two lengths – Min. size 2 1/2"			
4. Uncouples line used in Step #3 using stiff – arm method			
* Critical Step	Failure of this step mandates failure on the entire objective	Safety is PARAMOUNT	Total number steps candidate must complete to pass