

NFPA 1020: 2025 Edition, Chapter 8 Live Fire Instructor in Charge

Below please find what has been previously approved by the Committee on Accreditation (COA) for this level of certification. This example does not take into consideration “Document Review”, “Portfolio”, or “Other testing methods.”

If your agency selects completing their online Assessment Methodology Matrix (AMM) utilizing these test methods, our Technical Analysts may place your application under a COA meeting consent agenda bypassing the usual COA review.

The spaces identified below with an “X” must be replaced with the appropriate cognitive test item numbers (e.g. Questions 1,4,6,7,9, etc.) or the score sheet numbers under Product, Psychomotor/Process methods as score sheet numbers (e.g.- SS 101, 202, and 304, etc.).

	Knowledge-Based Assessments		Performance-Based Assessments	
	(graded after submission)		(graded in real-time as they are performed)	
Section	Cognitive (e.g. Multiple Choice, Short Answer, Discretionary Time with Resources)	Product (e.g., document or develop a budget, proposal, lesson plan)	Psychomotor (Primarily an observable physical task. e.g., don, doff)	Process (Primarily a mental or verbalized task. e.g., inspect)

The Live Fire Instructor in Charge shall meet the requirements of Fire Emergency Services Instructor II as defined in Chapter [5](#), the requirements of Live Fire Instructor as defined in Chapter [7](#), and the job performance requirements defined in [8.2](#) through [8.4](#).

The Live Fire Instructor in Charge shall demonstrate competency in knowledge and skills in applicable subjects, methods, and equipment being taught, and in the objectives contained in NFPA 1403 and identified for the live fire evolutions in accordance with AHJ policies and procedures.

(FOR THIS LINE ONLY- PLEASE INPUT "ACKNOWLEDGE" IN THE "OTHER" COLUMN OF THE MATRIX.)

8.1				
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8.2.1	<p>Prepare a preburn plan in compliance with NFPA 1403, given the AHJ policy and procedures for live fire training evolutions, the facility policies applicable to evolutions, learning objectives, and all conditions affecting the evolution, so that learning objectives are developed, the plan meets all AHJ requirements, existing conditions are identified, and the plan meets the developed learning objectives.</p>			
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8.2.1		X	
(A) Requisite Knowledge.			
NFPA 1403, components of learning objectives, AHJ and facility policies and procedures, hazards associated with live fire training, fuel packages, burn room size, ventilation strategies, time between sequential burn evolutions, evidence-based practices for fire control, and training procedures			
8.2.1 (A)	X		
(B) Requisite Skills.			
Learning objective development, technical writing, and preburn plan development.			
8.2.1 (B)		X	
8.2.2			
Conduct a preburn inspection of the structure or prop, given a structure or prop for live fire training, so that structural damage is identified, structural preparation is determined, and safety concerns are identified and addressed prior to the live fire evolution.			
8.2.2			X
(A) Requisite Knowledge.			
Facility requirements and structure or prop considerations.			
8.2.2 (A)	X		
(B) Requisite Skills.			
Observation, inspection, and evaluation.			
8.2.2 (B)			X
8.2.3			
Calculate the minimum water supply required for a live fire evolution in compliance with Section 4.12 of NFPA 1403, given a structure or prop, so that the required minimum water supply is determined.			
8.2.3			X
(A) Requisite Knowledge.			
NFPA 1403 and fire flow calculations.			
8.2.3 (A)	X		
(B) Requisite Skills.			

Calculation of water supply requirements and development of water supply documentation.			
8.2.3 (B)			X
8.2.4			
Calculate the minimum water flow application rate for a live fire evolution in compliance with Section 4.12 of NFPA 1403, given a structure or prop, so that the required minimum water flow application rate is determined.			
8.2.4			X
(A) Requisite Knowledge.			
NFPA 1403, fire flow calculations, capacity of hose lines, and fireground hydraulics.			
8.2.4 (A)	X		
(B) Requisite Skills.			
Calculation of minimum water flow application rate.			
8.2.4 (B)			X
8.3.1			
Identify and assign instructional tasks and duties in compliance with NFPA 1403, given staffing assignments, learning objectives, and instructor capabilities, so that the safety officer(s), ignition officer, and crew/functional lead(s) are designated and rotated through duty assignments; the instructor(s) implements participant accountability; proper instructor/student ratios are maintained; the instructor(s) monitors and supervises all participants during evolutions; and awareness of changing conditions that impact training is maintained.			
8.3.1			X
(A) Requisite Knowledge.			
NFPA 1403, accountability procedures, supervisory techniques, and resource management.			
8.3.1 (A)	X		
(B) Requisite Skills.			
Coaching and observation techniques.			
8.3.1 (B)			X
8.3.2			

Conduct a preburn briefing session, given the preburn plan, so that all facets of the evolution(s) are identified, training objectives are covered, a walk-through of the structure or prop with all participants is performed, and established safeguards and emergency procedures are identified.

8.3.2

X

(A) Requisite Knowledge.

Preburn plan, safety rules, emergency procedures, and AHJ policy and procedures.

8.3.2 (A)

X

(B) Requisite Skills.

Presentation and class management.

8.3.2 (B)

X

8.3.3

Maintain the training environment to safeguard participants, given participants in a live fire training evolution, so that signs and symptoms of fatigue and distress are recognized, action is taken to prevent injuries, and actions are documented.

8.3.3

X

X

(A) Requisite Knowledge.

Signs and symptoms of fatigue and distress; knowledge of environmental conditions; and AHJ's safety, rehabilitation, and emergency procedures.

8.3.3 (A)

X

(B) Requisite Skills.

Evaluation of environmental conditions, class management, report completion, and activation of the AHJ's emergency procedures.

8.3.3 (B)

X

X

8.4.1

Conduct a post-burn briefing session, given the learning objectives of the evolution, so that feedback on each learning objective is provided to each participant and any needed corrective actions are identified.

8.4.1

X

(A) Requisite Knowledge.

Preburn plan, learning objectives, supervisory techniques, and AHJ policy and procedures.

8.4.1 (A)	X		
(B) Requisite Skills.			
Presentation, evaluation, and class management.			
8.4.1 (B)			X
8.4.2			
Conduct a post-burn inspection of the structure or prop, given a structure or prop for live fire training, so that structural damage is identified, safety concerns are identified, and necessary corrective actions are taken.			
8.4.2			X
(A) Requisite Knowledge.			
AHJ policies, facility requirements, safety practices.			
8.4.2 (A)	X		
(B) Requisite Skills.			
Observation and inspection.			
8.4.2 (B)			X
8.4.3			
Complete records and reports in accordance with NFPA 1403, given a live fire evolution, so that all required reports are completed.			
8.4.3		X	
(A) Requisite Knowledge.			
NFPA 1403 and AHJ policy on records.			
8.4.3 (A)	X		
(B) Requisite Skills.			
Technical writing and records completion.			
8.4.3 (B)		X	