

NFPA 1030: 2024 Edition, Chapter 8 Fire Plans Examiner

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)
6.1.3.2*	<p>The first responder inspector, fire inspector, or fire plans examiner candidate shall meet the job performance requirements of Section 5.2 of NFPA 470.</p> <p>FOR THIS LINE ONLY- PLEASE INPUT "ACKNOWLEDGE" IN THE "OTHER" COLUMN OF THE MATRIX.)</p>			
6.1.3.2				
8.2.1	<p>Prepare reports, given observations from a plan review, so that the reports are clear and concise, and reflect the findings of the plan review in accordance with applicable codes and standards and the policies and procedures of the AHJ.</p>			
8.2.1		X		

8.2.1 (A) Requisite Knowledge.

Codes and standards, legal requirements for plan review reports, and accepted practices, policies, and procedures of the AHJ.

[8.2.1 \(A\)](#)

X

8.2.1 (B) Requisite Skills.

The ability to conduct code-related research and write reports.

[8.2.1 \(B\)](#)

X

X

[8.2.2*](#)

Create plan review checklists and forms, given applicable codes, standards, and departmental policies and procedures, so that the materials developed address key issues and clearly express code requirements of the AHJ.

[8.2.2](#)

X

8.2.2 (A) Requisite Knowledge.

Plan review elements required by codes, standards, policies, and procedures of the AHJ.

[8.2.2 \(A\)](#)

X

8.2.2 (B) Requisite Skills.

The ability to organize, communicate, and design checklists.

[8.2.2 \(B\)](#)

X

X

[8.2.3*](#)

Facilitate the resolution of deficiencies identified during the plan review, given a submittal and the established policies and procedures of the AHJ, so that deficiencies are identified, documented, and reported to the plan submitter with applicable references to codes and standards.

[8.2.3](#)

X

X

8.2.3 (A) Requisite Knowledge.

Policies and procedures of the AHJ regarding the communication of discrepancies, the appeals process, and codes and standards.

[8.2.3 \(A\)](#)

X

8.2.3 (B) Requisite Skills.

The ability to communicate orally and in writing.

8.2.3 (B)		X	X
8.2.4	Process plan review documents, given a set of plans and specifications, so that required permits are issued in accordance with the policies of the AHJ.		
8.2.4			X
8.2.4 (A) Requisite Knowledge.	Plan review policies and procedures of the AHJ.		
8.2.4 (A)	X		
8.2.4 (B) Requisite Skills.	The ability to review applications for completeness		
8.2.4 (B)			X
8.2.5*	Determine the applicable code or standard, given a fire protection issue, so that the proper document, edition, and section are referenced.		
8.2.5			X
8.2.5 (A) Requisite Knowledge.	Applicable codes and standards adopted by the AHJ, format of codes and standards, interrelationship of codes and standards, and procedures adopted by the organizations responsible for promulgating these documents.		
8.2.5 (A)	X		
8.2.5 (B) Requisite Skills.	The ability to conduct code-related research, apply codes and standards, and make decisions.		
8.2.5 (B)			X
8.2.6*	Evaluate a proposed alternative method or material for compliance with applicable codes and standards, given supporting documentation of a design that does not meet prescriptive code requirements, so that the design meets the intent of applicable codes and standards.		
8.2.6			X
8.2.6 (A) Requisite Knowledge.			

How a building should perform under adverse conditions, including the objectives and performance requirements reflecting the level of safety required by the AHJ or other performance-based regulation for a process or operation.

8.2.6 (A)	X		
---------------------------	----------	--	--

8.2.6 (B) Requisite Skills.
The ability to evaluate alternative proposals to prescriptive codes and standards.

8.2.6 (B)			X
---------------------------	--	--	----------

8.3.1
Identify the requirements for fire protection or a life safety system, given a set of plans, so that deficiencies are identified, documented, and reported in accordance with the policies and procedures of the AHJ.

8.3.1		X	X
-----------------------	--	----------	----------

8.3.1 (A) Requisite Knowledge.
Applicable code requirements for life safety systems, interior finish, and third-party testing and evaluation.

8.3.1 (A)	X		
---------------------------	----------	--	--

8.3.1 (B) Requisite Skills.
The ability to read floor plans or shop drawings, identify symbols used, and apply codes and standards.

8.3.1 (B)			X
---------------------------	--	--	----------

[8.3.2*](#)
Evaluate a design concept, given a preliminary design presentation, so that the proposed concept meets the intent of applicable codes and standards in accordance with the policies and procedures of the AHJ.

8.3.2			X
-----------------------	--	--	----------

8.3.2 (A) Requisite Knowledge.
Fire protection construction features, codes and standards, preliminary plan review procedures of the jurisdiction, and the approval process for alternative fire protection methodologies.

8.3.2 (A)	X		
---------------------------	----------	--	--

8.3.2 (B) Requisite Skills.

The ability to evaluate code compliance of conceptual designs.			
8.3.2 (B)			X
8.3.3 (A) Requisite Knowledge. How to calculate occupant loads for an occupancy and for building use, and code requirements, regulations, operational features, and fire hazards presented by various occupancies.			
8.3.3 (A)	X		
8.3.3 (B) Requisite Skills. The ability to calculate occupant loads, identify occupancy factors related to various occupancy types, and use measuring tools.			
8.3.3 (B)			X
8.3.4 Verify the construction type, given a set of plans, including the occupancy classification area, height, number of stories, and location, so that the building is in accordance with applicable codes and standards and deficiencies are identified, documented, and reported.			
8.3.4		X	X
8.3.4 (A) Requisite Knowledge. Types of construction, fire-rated construction components, typical building construction methods and materials, and code requirements related to construction types.			
8.3.4 (A)	X		
8.3.4 (B) Requisite Skills. The ability to read plans, determine construction types, and conduct code-related research.			
8.3.4 (B)			X
8.3.5 Verify the occupant load, given a set of plans, so that the maximum allowable occupant load is in accordance with applicable codes and standards.			
8.3.5		X	X
8.3.5 (A) Requisite Knowledge. How to calculate occupant loads for an occupancy and for building use, and code requirements, regulations, operational features, and fire hazards presented by various occupancies.			

8.3.5 (A)	X		
8.3.5 (B) Requisite Skills. The ability to calculate occupant loads, identify occupancy factors related to various occupancy types, and use measuring tools.			
8.3.5 (B)			X
8.3.6* Verify that egress elements are provided, given a set of plans and an occupant load, so that all egress elements and deficiencies are identified, documented, and reported in accordance with the policies of the AHJ.			
8.3.6		X	X
8.3.6 (A) Requisite Knowledge. Applicable codes and standards adopted by the AHJ, identification of standard symbols used in plans, and field verification practices.			
8.3.6 (A)	X		
8.3.6 (B) Requisite Skills. The ability read plans and research codes and standards.			
8.3.6 (B)			X
8.3.7 Evaluate code compliance for required fire flow and hydrant location and spacing, given a plan, codes and standards, and fire flow test results, so that hydrants are correctly located, required fire flow is determined, and deficiencies are identified, documented, and reported in accordance with the policies and procedures of the AHJ.			
8.3.7		X	X
8.3.7 (A) Requisite Knowledge. Standard civil engineering symbols; types of water supply and distribution systems; water distribution system test methods; characteristics of public and private water supply systems, water meters, backflow prevention, and other devices that can impact on fire flow; the effects of friction loss and elevation on water flow; potential impact of state health regulations on fire flow; and the applicable codes and standards related to fire flow in the AHJ.			
8.3.7 (A)	X		

8.3.7 (B) Requisite Skills.			
The ability to interpret fire flow test results, determine fire hydrant locations and spacing, and read fire flow graphs.			
8.3.7 (B)			X
8.3.8			
Evaluate emergency vehicle access, given a plan, so that emergency access is provided in accordance with applicable codes and standards and deficiencies are identified, documented, and reported in accordance with the policies of the AHJ.			
8.3.8		X	X
8.3.8 (A) Requisite Knowledge.			
Operating requirements for fire department apparatus, planning and zoning requirements, and emergency access requirements of applicable codes and standards.			
8.3.8 (A)	X		
8.3.8 (B) Requisite Skills.			
The ability to interpret and use plan scale.			
8.3.8 (B)			X
8.3.9*			
Develop policies and procedures for the administration of plan review functions, given management objectives, so that the policies are defined and are in accordance with the legal obligations of the AHJ.			
8.3.9		X	
8.3.9 (A) Requisite Knowledge.			
Legal requirements and the various systems of government that affect the fire plans examiner's duties, AHJ requirements and sources of information, and technical assistance used in the development of policies and procedures.			
8.3.9 (A)	X		
8.3.9 (B) Requisite Skills.			
The ability to recognize deficiencies, resolve conflicts, and make appropriate decisions.			
8.3.9 (B)			X

8.3.10*			
Participate in legal proceedings, given the findings of a plan review and consultation with legal counsel, so that testimony is factual and appropriate to the proceeding.			
8.3.10			X
8.3.10 (A) Requisite Knowledge.			
The legal requirements pertaining to evidence rules in the legal system and the types of legal proceedings.			
8.3.10 (A)	X		
8.3.10 (B) Requisite Skills.			
The ability to maintain a professional demeanor, communicate, listen, and differentiate facts from opinions.			
8.3.10 (B)			X
8.3.11*			
Evaluate fire protection plans and practices, given a field report describing a facility housing a complex process or operation, so that the fire growth potential for all areas is determined and the level of protection is appropriate to the hazard and in accordance with the applicable codes and standards and the policies of the AHJ.			
8.3.11			X
8.3.11 (A) Requisite Knowledge.			
Fire behavior, fire growth potential, protection, scenarios, and evacuation procedures.			
8.3.11 (A)	X		
8.3.11 (B) Requisite Skills.			
The ability to observe, recognize deficiencies, and evaluate hazards.			
8.3.11 (B)			X
8.3.12			
Evaluate compliance alternatives for the storage, handling, and use of flammable or combustible liquids and gases, given field inspection reports and proposed compliance alternatives, so that the storage, handling, and use is provided with a level of safety that is in accordance with the intent of applicable codes and standards and the policies of the AHJ.			
8.3.12			X

8.3.12 (A) Requisite Knowledge.

Properties and hazards of flammable and combustible liquids and gases, safety data sheets, safe handling practices, appropriate codes and standards, fire protection systems and equipment appropriate for the material, fire behavior, safety procedures, and other agencies that have requirements and AHJs related to flammable and combustible liquids and gases, chemical reactions, and storage compatibility.

[8.3.12 \(A\)](#)

X

8.3.12 (B) Requisite Skills.

The ability to observe, recognize deficiencies, communicate, read plans and reports, and read safety data sheets.

[8.3.12 \(B\)](#)

X

8.3.13

Evaluate compliance alternatives for the storage, handling, and use of hazardous materials, given field inspection reports and proposed compliance alternatives, so that the hazardous materials are provided with a level of safety that is in accordance with the intent of applicable codes and standards and the policies of the AHJ.

[8.3.13](#)

X

8.3.13 (A) Requisite Knowledge.

Other AHJs that have requirements related to hazardous materials.

[8.3.13 \(A\)](#)

X

8.3.13 (B) Requisite Skills.

The ability to observe, recognize deficiencies, communicate, read plans and reports, and read safety data sheets.

[8.3.13 \(B\)](#)

X

[8.3.14*](#)

Evaluate the integration of life safety, fire protection, security, and building service systems, given a plan submittal, a life safety report, a sequence of operations report, and testing criteria, so that the integration of proposed systems meets the requirements or intent of the applicable codes and standards and meets the fire and life safety objectives of the AHJ and any deficiencies are identified, documented, and reported in accordance with the policies of the AHJ.

[8.3.14](#)

X

X

8.3.14 (A) Requisite Knowledge.

The fire and life safety objectives of the jurisdiction and fire protection and life safety systems and their integration.

[8.3.14 \(A\)](#)

X

8.3.14 (B) Requisite Skills.

The ability to evaluate system integration.

[8.3.14 \(B\)](#)

X

[8.3.15*](#)

Evaluate alternative protection measures of equipment, operations, and processes, given deficiencies noted during a field inspection of a facility and proposed alternative methods or materials, so that the equipment, process, or operation is provided with a level of protection that complies with the intent of applicable codes and standards.

[8.3.15](#)

X

8.3.15 (A) Requisite Knowledge.

Applicable codes and standards adopted by the AHJ, hazards of the process or operation, fire protection systems required, inherent hazards, and safety necessary precautions.

[8.3.15 \(A\)](#)

X

8.3.15 (B) Requisite Skills.

The ability to make observations, recognize deficiencies, and resolve conflicts.

[8.3.15 \(B\)](#)

X

[8.3.16*](#)

Evaluate plans for the installation of fire protection and life safety systems, given a plan submittal, so that the systems and equipment are reviewed and deficiencies are identified, documented, and reported in accordance with the applicable codes and standards and with the policies and procedures of the AHJ.

[8.3.16](#)

X

X

8.3.16 (A) Requisite Knowledge.

Applicable codes and standards for fire protection systems, basic physical science as it relates to fire behavior and fire suppression, hydraulic theory, hydraulic calculations for fire suppression, material listing requirements, material specifications, installation techniques, acceptance

inspection and testing of completed installations, construction types and techniques, and classification of occupancies.			
8.3.16 (A)	X		
8.3.16 (B) Requisite Skills. The ability to review specifications and read plans, classify occupancies, interpret codes and standards, and verify hydraulic calculations.			
8.3.16 (B)			X
8.3.17 Evaluate plans for storage, handling, and use of hazardous materials, given plans and specifications, so that the plans are reviewed for compliance and deficiencies are identified, documented, and reported in accordance with the applicable codes, standards, policies, and procedures of the AHJ.			
8.3.17		X	X
8.3.17 (A) Requisite Knowledge. Properties of hazardous materials and applicable standards for handling, storage, arrangement, and protection of hazardous materials; basic physical science as it relates to fire behavior and fire suppression; and reference materials related to hazardous materials.			
8.3.17 (A)	X		
8.3.17 (B) Requisite Skills. The ability to determine the classification of hazardous materials using reference materials.			
8.3.17 (B)			X
8.3.18 Evaluate a plan with special storage arrangements, given a plan, so that deficiencies are identified, documented, and reported in accordance with adopted codes and standards and the policies of the AHJ.			
8.3.18		X	X
8.3.18 (A) Requisite Knowledge. Application of codes and standards adopted by the AHJ for special storage arrangements.			
8.3.18 (A)	X		
8.3.18 (B) Requisite Skills.			

The ability to determine commodity types and storage arrangements.			
8.3.18 (B)			X
8.3.19 Evaluate heating, ventilation, air conditioning, and other building service equipment and operations, given plans and specifications, so that the systems and other equipment are designed in accordance with applicable codes and standards and deficiencies are identified, documented, and reported in accordance with the policies of the AHJ.			
8.3.19		X	X
8.3.19 (A) Requisite Knowledge. Types, installation, maintenance, and use of building service equipment, smoke control systems, installation of kitchen cooking equipment (including hoods and ducts), laundry chutes, elevators, and escalators, and applicable codes and standards adopted by the AHJ.			
8.3.19 (A)	X		
8.3.19 (B) Requisite Skills. Ability to apply, read, and interpret HVAC plans.			
8.3.19 (B)			X
8.3.20* Evaluate a performance-based design concept, given a preliminary design presentation, so that the proposed concept meets the intent of applicable codes and standards in accordance with the policies and procedures of the AHJ.			
8.3.20			X
8.3.20 (A) Requisite Knowledge. Fire protection construction features, codes and standards, preliminary plan review procedures of the jurisdiction, the approval process for alternative performance-based fire protection methodologies, performance-based concepts, the development of appropriate input values based upon the building type and anticipated use, and the jurisdictional and code requirements.			
8.3.20 (A)	X		
8.3.20 (B) Requisite Skills. The ability to recognize deviations from the prescriptive code, recognize and interpret performance-based proposals, and determine and present appropriate design input values and parameters based upon the building type and anticipated use.			

8.3.20 (B)		X	X
<p>8.3.21</p> <p>Evaluate compliance with construction documents, given a performance-based design, so that life safety systems and building services equipment are installed, inspected, and tested to perform as described in the engineering documents, and the operations and maintenance manual that accompanies the design and deficiencies are identified, documented, and reported in accordance with the policies of the AHJ.</p>			
8.3.21		X	X
<p>8.3.21 (A) Requisite Knowledge.</p> <p>Applicable codes and standards for installation and testing of fire protection systems, means of egress, and building services equipment.</p>			
8.3.21 (A)	X		
<p>8.3.21 (B) Requisite Skills.</p> <p>Ability to witness and document tests of fire protection systems and building services equipment.</p>			
8.3.21 (B)		X	X