

# Fire Inspector

(NFPA 1030: Fire Inspector)

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## Certification Training Standards Guide (2024)



California Department of Forestry and Fire Protection  
Office of the State Fire Marshal  
State Fire Training

# Fire Inspector

## Certification Training Standards Guide (2024)

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This CTS guide utilizes the following NFPA standards to provide the qualifications for State Fire Training's Fire Inspector 1 (2024) curriculum:

- NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)

State Fire Training coordinated the development of this CTS guide. Before its publication, the Statewide Training and Education Advisory Committee (STEAC) and the State Board of Fire Services (SBFS) recommended this CTS guide for adoption by the Office of the State Fire Marshal (OSFM).

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## How to Read a CTS Guide

### Overview

A curriculum training standard (CTS) guide lists the requisite knowledge, skills, and job performance requirements an individual must complete to become certified in a specific job function.

It also documents and justifies the OSFM-approved revisions to the curriculum's NFPA standard and identifies where each curriculum training standard is taught (course plan), tested (skill sheets), and validated (task book).

Individuals aspiring to meet State Fire Training's curriculum training standards must do so in accordance with the codes, standards, regulations, policies, and standard operating procedures applicable within their own agency or jurisdiction.

### Format

Each curriculum training standard is comprised of eight sections.

#### Section Heading

Training standards are grouped by section headings that describe a general category. For example, the Fire Fighter 1 CTS guide includes the following section headings: NFPA Requirements, Fire Department Communications, Fireground Operations, and Preparedness and Maintenance.

#### Training Standard Title

The training standard title provides a general description of the performance requirement contained within the individual standard.

#### Authority

The CTS guide references each individual standard with one or more paragraphs of the corresponding National Fire Protection Association (NFPA) Professional Qualifications. This ensures that each fire service function within California's certification system meets or exceeds NFPA standards.

When California requirements exceed the NFPA standard, the CTS guide cites the Office of the State Fire Marshal as the authority and prints the corresponding information highlighted gray.

#### Job Performance Requirements

This segment includes a written statement that describes a specific job-related task, the items an individual needs to complete the task, and measurable or observable outcomes.

**Requisite Knowledge**

This segment lists the knowledge that an individual must acquire to accomplish the job performance requirement.

**Requisite Skills**

This segment lists the skills that an individual must acquire to accomplish the job performance requirement.

**Content Modification**

This table documents and justifies any revisions to the NFPA standard that the development or validation cadres make during the development of a CTS guide.

**Cross Reference**

This table documents where each training standard is taught (course plan), tested (skill sheets), and validated (task book).

# Fire Inspector

## Section 1: Definition of Duties

### 1-1: Definition of Duties

#### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.2, 7.3, 7.4
2. Office of the State Fire Marshal

#### Job Performance Requirement

There are no job performance requirements identified for this training standard.

#### Requisite Knowledge

1. Identify the administrative duties of a Fire Inspector including conducting research, interpreting codes, implementing policy, testifying at legal proceedings, and facilitating training
2. Identify the legal duties of a Fire Inspector including participating in various legal proceedings, such as enforcement of the adopted codes and standards of the AHJ, handling various complaints, and initiating legal action where necessary
3. Identify the field inspection duties of a Fire Inspector including conducting fire and life safety inspections that include enforcement actions, and analyses of new and existing structures and properties for construction, occupancy, fire protection, and exposures
4. Identify the plans review duties of a Fire Inspector including field verification of shop drawings, plans, and construction documents to ensure that they meet the intent of applicable codes and standards for fire and life safety
5. Describe how one's ethics and core values impact the Fire Inspector's job performance and work environment

#### Requisite Skills

1. None

#### Content Modification

Block	Modification	Justification
RK5	Added new knowledge item.	(2014)

**Cross Reference**

Course Plan	Skill Sheet	Task Book
Fire Inspector 2A (2024) <ul style="list-style-type: none"><li>• Topic 1-3</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 1</li></ul>

## Section 2: Administration

### 2-1: Applying Applicable Codes, Standards, and Ordinances

#### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.2.1

#### Job Performance Requirement

Apply applicable codes, standards, and ordinances, given the findings of a completed inspection, the codes, standards, and ordinances and the policies of the AHJ, so that the applicable codes, standards, ordinances, and policies are identified, and compliance is determined.

#### Requisite Knowledge

1. Describe fire behavior
2. Describe fire department access
3. Describe water supply
4. Describe flame spread
5. Identify smoke development ratings of contents
6. Identify interior finishes
7. Identify building construction elements
8. Identify life safety systems
9. Identify decorations
10. Identify decorative materials
11. Identify furnishings
12. Describe safe housekeeping practices

#### Requisite Skills

1. Observe
2. Communicate
3. Apply codes, standards, and ordinances
4. Recognize hazardous conditions
5. Apply decision-making skills

#### Content Modification

Block	Modification	Justification
JPR	Added "ordinances" three times.	"Codes, standards, and ordinances" is more comprehensive and applicable to all situations. (2024)

Fire Inspector

Section 2: Administration

RS3	Added “and ordinances”.	“Codes, standards, and ordinances” is more comprehensive and applicable to all situations. (2024)
RS5	Changed “Make correct and appropriate decisions” to “Apply decision-making skills”.	“Correct and appropriate” is too vague and subjective; the cadre’s change expresses what is really being asked. (2024)

**Cross Reference**

<b>Course Plan</b>	<b>Skill Sheet</b>	<b>Task Book</b>
Fire Inspector 2A (2024) <ul style="list-style-type: none"><li>• Topic 2-1</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 1</li></ul>

## 2-2: Completing Inspection Reports

### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.2.2

### Job Performance Requirement

Complete inspection reports, given agency policy and procedures and observations from an assigned field inspection, so that the report is clear and concise and reflects the findings of the inspection in accordance with the applicable codes, standards, and ordinances and the policies of the AHJ.

### Requisite Knowledge

1. Identify applicable codes, standards, ordinances, and policies adopted by the AHJ

### Requisite Skills

1. Conduct a field inspection
2. Apply codes, standards, and ordinances
3. Communicate orally, in writing, and electronically in a manner approved by the AHJ

### Content Modification

Block	Modification	Justification
JPR	Added "ordinances".	"Codes, standards, and ordinances" is more comprehensive and applicable to all situations. (2024)
RK1	Added "ordinances".	"Codes, standards, and ordinances" is more comprehensive and applicable to all situations. (2024)
RS2	Added "ordinances".	"Codes, standards, and ordinances" is more comprehensive and applicable to all situations. (2024)

### Cross Reference

Course Plan	Skill Sheet	Task Book
Fire Inspector 2A (2024) <ul style="list-style-type: none"><li>• Topic 6-2</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 2</li></ul>

## 2-3: Processing a Permit Application

### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.2.3

### Job Performance Requirement

Process a permit application, given a specific request, so that the application is evaluated, and a permit is issued or denied in accordance with the applicable codes, standards, and ordinances and the policies and procedures of the AHJ.

### Requisite Knowledge

1. Describe the permit application process
2. Identify applicable codes, standards, and ordinances and policies and procedures of the AHJ

### Requisite Skills

1. Apply the applicable codes, standards, and ordinances and policies and procedures of the AHJ to the permit application process

### Content Modification

Block	Modification	Justification
JPR	Added “and ordinances”.	“Codes, standards, and ordinances” is more comprehensive and applicable to all situations. (2024)
RK2	Added “and ordinances”.	“Codes, standards, and ordinances” is more comprehensive and applicable to all situations. (2024)
RS1	Added “and ordinances”.	“Codes, standards, and ordinances” is more comprehensive and applicable to all situations. (2024)

### Cross Reference

Course Plan	Skill Sheet	Task Book
Fire Inspector 2A (2024) <ul style="list-style-type: none"><li>• Topic 3-1</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 3</li></ul>

## 2-4: Enforcing Permit Regulations

### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.2.4

### Job Performance Requirement

Enforce permit regulations, given a permit application or report of a violation and applicable codes, standards, ordinances, and policies of the AHJ, so that enforcement actions are taken in accordance with the applicable codes, standards, and ordinances and the policies of the AHJ and the violation is corrected.

### Requisite Knowledge

1. Describe legal authority for permit issuance and revocation
2. Apply applicable codes, standards, and ordinances adopted by the AHJ

### Requisite Skills

1. Communicate
2. Apply decision-making skills
3. Explain consequences of improper enforcement

### Content Modification

Block	Modification	Justification
JPR	Added “ordinances” twice.	“Codes, standards, and ordinances” is more comprehensive and applicable to all situations. (2024)
RK2	Added “ordinances”.	“Codes, standards, and ordinances” is more comprehensive and applicable to all situations. (2024)
RS2	Changed “Make correct and appropriate decisions” to “Apply decision-making skills”.	“Correct and appropriate” is too vague and subjective; the cadre’s change expresses what is really being asked.
RS3	Changed “Evaluate” to “Explain”.	The cadre’s verb choice implies interaction and reporting out, which is a crucial distinction at this stage.

### Cross Reference

Course Plan	Skill Sheet	Task Book
Fire Inspector 2A (2024) <ul style="list-style-type: none"><li>• Topic 3-2</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 4</li></ul>

## 2-5: Processing a Plan Review Application

### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.2.5

### Job Performance Requirement

Process a plan review application, given a specific submittal, so that the application is evaluated and processed in accordance with the applicable codes, standards, and ordinances and the policies of the AHJ.

### Requisite Knowledge

1. Describe the plan review application process
2. Describe the code, standard, and ordinance requirements and policies and procedures of the AHJ

### Requisite Skills

1. Communicate orally, in writing, and electronically in a manner approved by the AHJ on matters related to code, standard, and ordinance requirements and policies and procedures of the AHJ

### Content Modification

Block	Modification	Justification
JPR	Added “ordinances”.	“Codes, standards, and ordinances” is more comprehensive and applicable to all situations. (2024)
RK2	Changed “policies, procedures, and code requirements” to “code, standard, and ordinance requirements and policies and procedures”.	Revised order more closely aligns with order of importance. “Codes, standards, and ordinances” is more comprehensive and applicable to all situations. (2024)
RS1	Changed “policies, procedures, and code requirements” to “code, standard, and ordinance requirements and policies and procedures”.	Revised order more closely aligns with order of importance. “Codes, standards, and ordinances” is more comprehensive and applicable to all situations. (2024)

### Cross Reference

Course Plan	Skill Sheet	Task Book
Fire Inspector 2A (2024) <ul style="list-style-type: none"><li>• Topic 3-3</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 5</li></ul>

## 2-6: Investigating Complaints

### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.2.6
2. Office of the State Fire Marshal

### Job Performance Requirement

Investigate complaints, given a reported situation or condition, so that complaint information is recorded, the investigation process is initiated, and the complaint is resolved or referred in accordance with the applicable codes, standards, and ordinances and the policies of the AHJ.

### Requisite Knowledge

1. Describe methods and procedures to record, validate, and resolve complaints
2. Identify applicable codes, standards, and ordinances and policies adopted by the AHJ
3. Describe how external pressures impact complaint investigation and resolution

### Requisite Skills

1. Interpret codes and standards as they apply to complaint resolution
2. Recognize problems during the investigation of a complaint
3. Refer complaints to other agencies when required

### Content Modification

Block	Modification	Justification
JPR	Added "ordinances".	"Codes, standards, and ordinances" is more comprehensive and applicable to all situations. (2024)
RK1	Added "Describe methods and procedures to record, validate, and resolve complex complaints".	Added to clarify intent of JPR.
RK2	Added "ordinances".	"Codes, standards, and ordinances" is more comprehensive and applicable to all situations. (2024)
RK3	Added "Discuss how external pressures impact complaint investigation and resolution".	Added to clarify intent of JPR.
RS1	Added "as they apply to complaint resolution".	Added to clarify intent.
RS2	Added "during the investigation of a complaint".	Added to clarify intent.

**Cross Reference**

Course Plan	Skill Sheet	Task Book
Fire Inspector 2A (2024) <ul style="list-style-type: none"><li>• Topic 4-1</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 6</li></ul>

## 2-7: Explaining Modifications to Codes, Standards, and Ordinances

### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.2.7

### Job Performance Requirement

Explain the modifications process to the adopted codes, standards, and ordinances of the AHJ, given a fire or life safety issue, so that the proposed modifications address the problem, need, or deficiency.

### Requisite Knowledge

1. Describe state statutes or local ordinances establishing or empowering the AHJ to adopt, enforce, and modify codes, standards, and ordinances
2. Describe the legal instruments establishing or adopting codes, standards, and ordinances
3. Describe the development and adoption process for fire and life safety legislation or regulations

### Requisite Skills

1. Recognize problems with adopted codes, standards, and ordinances
2. Collect information and develop alternative solutions
3. Identify cost/risk benefits of modifying codes, standards, and ordinances

### Content Modification

Block	Modification	Justification
JPR	Added "ordinances".	"Codes, standards, and ordinances" is more comprehensive and applicable to all situations. (2024)
RK1	Added "ordinances".	"Codes, standards, and ordinances" is more comprehensive and applicable to all situations. (2024)
RK2	Added "ordinances".	"Codes, standards, and ordinances" is more comprehensive and applicable to all situations. (2024)
RS1	Changed "Recognize programs" to "Identify inconsistencies with adopted codes, standards, and ordinances".	Added to clarify intent.
RS2	Added "of modifying codes, standards, and ordinances".	Added to clarify intent.

**Cross Reference**

<b>Course Plan</b>	<b>Skill Sheet</b>	<b>Task Book</b>
Fire Inspector 2A (2024) <ul style="list-style-type: none"><li>• Topic 5-1</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 7</li></ul>

## Section 3: Legal

### 3-1: Understanding Legal Proceedings

#### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.3.1

#### Job Performance Requirement

Understand legal proceedings, given the findings of a field inspection or a complaint and consultation with legal counsel, so that all information is presented in a factual manner.

#### Requisite Knowledge

1. Identify legal requirements pertaining to rules of evidence
2. Identify enforcement measures consistent with AHJ
3. Identify types of legal proceedings applicable to this topic
4. Identify the appeal process

#### Requisite Skills

1. Maintain a professional demeanor
2. Communicate
3. Listen
4. Differentiate facts from opinions

#### Content Modification

Block	Modification	Justification
RK2	Added knowledge component.	Student understanding of local jurisdiction is key to meeting this JPR.
RK3	Added “applicable to this topic”.	Added to clarify intent.
RK4	Added knowledge component.	Student understanding of this is key to addressing RK3.

#### Cross Reference

Course Plan	Skill Sheet	Task Book
Fire Inspector 2A (2024) <ul style="list-style-type: none"><li>• Topic 6-1</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 8</li></ul>

### 3-2: Initiating Legal Action Related to a Fire Code Violation

#### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.3.2

#### Job Performance Requirement

Initiate legal action related to a fire code violation, given a description of a violation and a legal opinion, so that the action taken is in accordance with the policies of the AHJ and due process of law is followed.

#### Requisite Knowledge

1. Apply legal procedure for fire code enforcement and authority and limitations of police powers

#### Requisite Skills

1. Prepare legal action in accordance with the policies and procedures of the AHJ

#### Content Modification

Block	Modification	Justification
RS1	Changed "Address" to "Prepare".	The new verb is a stronger and clearer choice.

#### Cross Reference

Course Plan	Skill Sheet	Task Book
Fire Inspector 2A (2024) <ul style="list-style-type: none"><li>• Topic 6-3</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 9</li></ul>

### 3-3: Recommending Policies and Procedures for the Delivery of Inspection Services

#### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.3.3

#### Job Performance Requirement

Recommend policies and procedures for the delivery of inspection services, given management objectives, so that inspections are conducted in accordance with the policies of the AHJ.

#### Requisite Knowledge

1. Describe policies and procedures of the AHJ related to code enforcement
2. Evaluate sources of detailed and technical information relating to fire protection and life safety

#### Requisite Skills

1. Identify approved construction methods and materials related to fire safety
2. Read, interpret, and verify construction plans and specifications
3. Educate
4. Conduct research
5. Make decisions
6. Recognize problems
7. Resolve conflicts

#### Content Modification

Block	Modification	Justification
RS1	Changed “Identify” to “Evaluate”.	The new verb more precisely explains what California Fire Inspectors do. (2024)
RS2	Added “verify”.	This is an important part of this skill component.

#### Cross Reference

Course Plan	Skill Sheet	Task Book
Fire Inspector 2A (2024) <ul style="list-style-type: none"><li>• Topic 6-4</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 10</li></ul>

## Section 4: Field Inspection

### 4-1: Computing the Maximum Occupant Load of a Building

#### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.4.1

#### Job Performance Requirement

Compute the maximum allowable occupant load of a building, given plans, field observations, or description of a building's uses, so that the maximum allowable occupant load calculation is in accordance with applicable codes, standards, and ordinances.

#### Requisite Knowledge

1. Verify the calculated occupant loads for an existing occupancy and for existing building use
2. Describe code, standard, and ordinance requirements, regulations, and operational features presented by various occupancies

#### Requisite Skills

1. Calculate occupant loads
2. Identify occupancy factors related to various occupancy classifications
3. Use measuring tools
4. Read plans
5. Use a calculator
6. Apply code, standard, and ordinance requirements, regulations, and operational features presented by various occupancies

#### Content Modification

Block	Modification	Justification
JPR	Added "a building's".	Added for clarity.
JPR	Added "ordinances".	"Codes, standards, and ordinances" is more comprehensive and applicable to all situations. (2024)
RK1	Changed "Describe how to calculate" to "Verify the calculated".	Students are in the field at this point.
RK1	Added "existing" twice.	Added for clarity.
RK2	Added "standard, and ordinance".	"Codes, standards, and ordinances" is more comprehensive and applicable to all situations. (2024)
RS4	Added skills component.	This is important when in the field.

**Cross Reference**

Course Plan	Skill Sheet	Task Book
Fire Inspector 2B (2024) <ul style="list-style-type: none"><li>• Topic 2-3</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 11</li></ul>

## 4-2: Identifying the Occupancy Classifications of a Building

### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.4.2

### Job Performance Requirement

Identify the occupancy classifications of a building, given a description of the uses, so that all areas are classified in accordance with applicable codes, standards, and ordinances.

### Requisite Knowledge

1. Describe the occupancy classification; applicable codes, standards, and ordinances; operational features; and hazard classifications presented by various occupancies

### Requisite Skills

1. Interpret code requirements
2. Recognize building uses associated with each occupancy classification

### Content Modification

Block	Modification	Justification
JPR	Added “and ordinances”.	“Codes, standards, and ordinances” is more comprehensive and applicable to all situations. (2024)
RK1	Changed “fire hazard classifications” to “hazard classifications”.	State Fire Marshal is tasked not just with fire but with fire and life safety. California exceeds NFPA. (2024)

### Cross Reference

Course Plan	Skill Sheet	Task Book
Fire Inspector 2B (2024) <ul style="list-style-type: none"><li>• Topic 2-2</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 12</li></ul>

### 4-3: Evaluating a Building's Compliance

#### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.4.3
2. Office of the State Fire Marshal

#### Job Performance Requirement

Evaluate a building's area, height, occupancy classification, and construction type, given an approved set of plans and construction features, so that it is confirmed that the building is in compliance with applicable codes, standards, and ordinances.

#### Requisite Knowledge

1. Describe how to evaluate a building's area, height, and occupancy classification related to change of occupancy or use
2. Describe building construction type with emphasis on fire-rated construction
3. Describe how to evaluate and analyze construction methods and assemblies for fire rating
4. Interpret analysis of test results
5. Identify and describe manufacturer's specifications

#### Requisite Skills

1. Evaluate characteristics of each type of building construction and occupancy classification

#### Content Modification

Block	Modification	Justification
JPR	Added "ordinances".	"Codes, standards, and ordinances" is more comprehensive and applicable to all situations. (2024)
RK1	Added a knowledge component.	Added to match JPR requirements.
RK2	Added "type".	Added for clarity.
RK3	Added "how to evaluate and analyze".	Added to increase level of learning required by JPR.
RS1	Changed "Identify" to "Evaluate".	Added to increase level of learning required by JPR.

#### Cross Reference

Course Plan	Skill Sheet	Task Book
Fire Inspector 2B (2024) <ul style="list-style-type: none"><li>• Topic 5-1</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 13</li></ul>

## 4-4: Evaluating Fire, Life Safety, and Property Protection Equipment

### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.4.4

### Job Performance Requirement

Evaluate fire protection systems and equipment provided for life safety and property protection, given field observations and hazard classifications of the facility and documentation, the hazards protected, and the system specifications, so that the fire protection systems provided are approved for the occupancy, commodity, or hazard being protected.

### Requisite Knowledge

1. Identify applicable codes, standards, and ordinances for fire protection systems
2. Identify types and classifications of commodities relative to fuel load and fire behavior
3. Describe basic physical science as it relates to fire behavior and fire suppression
4. Explain implications and hazards associated with system operation
5. Identify the hazard classifications as they pertain to a building's uses and/or potential commodities
6. Describe installation techniques and acceptance inspection
7. Describe testing and reports of maintenance of completed installations
8. Describe the use and function of various systems

### Requisite Skills

1. Recognize hazards and deficiencies
2. Use codes and standards
3. Read reports, plans, and specifications

### Content Modification

Block	Modification	Justification
RK1	Added "and ordinances".	"Codes, standards, and ordinances" is more comprehensive and applicable to all situations. (2024)
RK2	Added knowledge component.	Because NFPA introduced the concept of "commodities," we must teach it.
RK5	Added knowledge component.	Because NFPA added "hazard classifications" to the JPR, we must teach it.

**Cross Reference**

Course Plan	Skill Sheet	Task Book
Fire Inspector 2C (2024) <ul style="list-style-type: none"><li>• Topic 2-1</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 14</li></ul>

## 4-5: Witnessing Integrated Fire Protection System Testing

### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.4.5
2. Office of the State Fire Marshal

### Job Performance Requirement

Witness an acceptance test for an integrated fire protection system, given approved shop drawings, an integrated system test plan, and an installed system, so that the integrated system performance can be evaluated for compliance, and deficiencies are identified, documented, and reported and resolved in accordance with the applicable codes, standards, and ordinances and the policies of the AHJ.

### Requisite Knowledge

1. Define integrated system testing terms
2. Identify the general requirements of integrated system testing
3. Describe test methods used in integrated system testing
4. Describe test scenarios
5. Describe the testing frequencies for integrated system testing
6. Describe documentation methods for integrated system testing
7. Describe acceptance test procedures
8. Identify applicable codes and standards

### Requisite Skills

1. Review, evaluate, and follow the integrated test plan
2. Witness and validate the performance of acceptance tests

### Content Modification

Block	Modification	Justification
JPR	Changed “test protocols” with “an integrated system test plan”.	It is important to have a thorough understanding of NFPA 4, which is a California standard. (2024)
JPR	Added “the integrated”.	(2024)
JPR	Added “and resolved”.	Added for consistency with other standards. (2024)
JPR	Added “and ordinances”.	“Codes, standards, and ordinances” is more comprehensive and applicable to all situations. (2024)
RK1	Added new knowledge item.	(2024)
RK2	Added new knowledge item.	(2024)
RK3	Added new knowledge item.	(2024)

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RK4	Added new knowledge item.	(2024)
RK5	Added new knowledge item.	(2024)
RK6	Added new knowledge item.	(2024)
RS1	Added new skill item.	(2024)

**Cross Reference**

<b>Course Plan</b>	<b>Skill Sheet</b>	<b>Task Book</b>
Fire Inspector 2C (2024) <ul style="list-style-type: none"><li>• Topic 3-2</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 15</li></ul>

## 4-6: Inspecting Means of Egress Elements

### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.4.6

### Job Performance Requirement

Inspect means of egress elements, given observations made during a field inspection of an existing building, so that means of egress elements are maintained in compliance with applicable codes, standards, and ordinances, and deficiencies are identified, documented, and reported in accordance with the policies of the AHJ.

### Requisite Knowledge

1. Describe acceptable means of egress devices
2. Describe applicable codes, standards, and ordinances adopted the AHJ related to means of egress elements
3. Describe maintenance requirements of egress elements
4. Describe types of construction
5. Verify occupancy egress requirements
6. Describe relationship of fixed fire protection systems to egress requirements and to approved means of egress elements, including, but not limited to, doors, hardware, and lights
7. Describe the transition of existing exiting requirements to comply with new exit egress system requirements

### Requisite Skills

1. Observe, recognize, and communicate deficiencies
2. Calculate egress requirements
3. Apply decision-making skills related to means of egress
4. Use measuring tools
5. Make field sketches

### Content Modification

Block	Modification	Justification
JPR	Added "ordinances".	"Codes, standards, and ordinances" is more comprehensive and applicable to all situations. (2024)
RK1	Added new knowledge item.	
RK2	Added "ordinances".	"Codes, standards, and ordinances" is more comprehensive and applicable to all situations. (2024)

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RK7	Added knowledge component.	Required to meet JPR.
RS1	Added “communicate”.	Important to meet the JPR.
RS1	Changed “problems” to “deficiencies”.	Aligns with the JPR.
RS2	Added “egress requirements”.	Added for clarity.
RS3	Changed “Make correct and appropriate decisions to “Apply decision-making skills”.	“Correct and appropriate” is too vague and subjective; the cadre’s change expresses what is really being asked.

**Cross Reference**

<b>Course Plan</b>	<b>Skill Sheet</b>	<b>Task Book</b>
Fire Inspector 2B (2024) <ul style="list-style-type: none"><li>• Topic 3-2</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 16</li></ul>

## 4-7: Evaluating Hazardous Conditions Involving Equipment, Processes, and Operations

### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.4.7

### Job Performance Requirement

Evaluate hazardous conditions involving equipment, processes, and operations, given field observations and documentation, so that the equipment, processes, or operations are installed in accordance with applicable codes, standards, and ordinances, and deficiencies are identified, documented, and reported in accordance with the policies of the AHJ.

### Requisite Knowledge

1. Identify applicable codes and standards
2. Describe accepted fire protection practices
3. Evaluate fire behavior related to hazardous conditions, equipment, and processes
4. Evaluate ignition sources related to hazardous conditions, equipment, and processes
5. Describe safe housekeeping practices
6. Identify additional reference materials related to protection of hazardous processes and code enforcement

### Requisite Skills

1. Observe hazardous conditions created by installation of equipment, processes and operations
2. Recognize deficiencies with equipment, processes, and operations involving hazardous conditions
3. Interpret codes and communicate deficiencies in accordance with the policies of the AHJ
4. Apply decision-making skills determining adequate fire and life safety conditions involving equipment, processes, and operations

### Content Modification

Block	Modification	Justification
JPR	Changed “Identify” back to “Evaluate”, which was the previous NFPA verb for 7.4.7.	This level of learning is appropriate for a Fire Inspector. Students did the first step, identify, in First Responder Inspector. The language of the accompanying annex entry also indicates a higher capability. (2024)
JPR	Added “and ordinances”.	“Codes, standards, and ordinances” is more comprehensive and applicable to all situations. (2024)

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RK3	Added “related to hazardous conditions, equipment, and processes”.	Added for clarity.
RK4	Added “related to hazardous conditions, equipment, and processes”.	Added for clarity.
RS1	Added “hazardous conditions created by installation of equipment, processes and operations”.	Added for clarity.
RS2	Changed “problems” to “deficiencies.”	Change aligns with JPR.
RS2	Added “with equipment, processes, and operations involving hazardous conditions”.	Added for clarity.
RS3	Added “deficiencies in accordance with the policies of the AHJ”.	Added for clarity and to align with the JPR.
RS4	Changed “Make decisions” to “Apply decision-making skills”.	The cadre’s change expresses what is really being asked.
RS4	Added “determining adequate fire and life safety conditions involving equipment, processes, and operations”.	Added for clarity.

**Cross Reference**

Course Plan	Skill Sheet	Task Book
Fire Inspector 2D (2024) <ul style="list-style-type: none"> <li>• Topic 2-1</li> </ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"> <li>• JPR 17</li> </ul>

## 4-8: Evaluating Emergency Planning and Preparedness Procedures

### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.4.8
2. Office of the State Fire Marshal

### Job Performance Requirement

Evaluate emergency planning and preparedness procedures, given existing or proposed plans and procedures and applicable codes, standards, and ordinances, so that compliance is determined.

### Requisite Knowledge

1. Describe occupancy requirements for emergency evacuation plans
2. Evaluate fire safety programs for crowd control
3. Identify roles of agencies and individuals in implementation and development of emergency plans
4. Evaluate emergency planning and preparedness procedures to determine applicability to the facility

### Requisite Skills

1. Compare submitted emergency plans and procedures with applicable codes and standards adopted by the AHJ

### Content Modification

Block	Modification	Justification
JPR	Added "ordinances".	"Codes, standards, and ordinances" is more comprehensive and applicable to all situations. (2024)
RS4	Added knowledge component.	Added to clarify intent of JPR.

### Cross Reference

Course Plan	Skill Sheet	Task Book
Fire Inspector 2B (2024) <ul style="list-style-type: none"><li>• Topic 4-2</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 18</li></ul>

## 4-9: Assisting with Emergency Planning and Procedures Development and Evaluation

### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.4.9

### Job Performance Requirement

Assist with the development and evaluation of emergency planning and procedures, given a description of a building and its use, so that plans and procedures are in accordance with the applicable codes, standards, and ordinances and the policies of the AHJ.

### Requisite Knowledge

1. Identify applicable codes, standards, and ordinances adopted by the AHJ
2. Describe purpose, use, and applicability of evacuation plans
3. Describe human behavior in relation to emergency planning and procedures
4. Describe the adoption process of emergency planning and preparedness (California Fire Code Chapter 4)

### Requisite Skills

1. Read plans and reports
2. Recognize hazards and deficiencies in plans and reports

### Content Modification

Block	Modification	Justification
JPR	Added "ordinances".	"Codes, standards, and ordinances" is more comprehensive and applicable to all situations. (2024)
RK1	Added "ordinances".	"Codes, standards, and ordinances" is more comprehensive and applicable to all situations. (2024)
RK3	Added "in relation to emergency planning and procedures".	Added to clarify intent.
RK4	Added knowledge component.	This is a necessary addition specific to California.
RS2	Changed "problems" to "hazards and deficiencies in plans and reports".	This change aligns with NFPA language.

**Cross Reference**

Course Plan	Skill Sheet	Task Book
Fire Inspector 2B (2024) <ul style="list-style-type: none"><li>• Topic 4-1</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 19</li></ul>

## 4-10: Verifying Code Compliance for Storage, Handling, and Use of Flammable and Combustible Liquids and Gases

### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.4.10

### Job Performance Requirement

Verify code compliance for storage, handling, and use of flammable and combustible liquids and gases, given field observations and inspection guidelines from the AHJ, so that deficiencies are identified, documented, and reported in accordance with the applicable codes, standards, and ordinances and the policies of the AHJ.

### Requisite Knowledge

1. Define the properties and hazards of flammable and combustible liquids and gases
2. Discuss safety data sheets
3. Describe safe handling practices
4. Identify applicable codes and standards
5. Distinguish fire protection systems and equipment approved for the material
6. Describe fire behavior related to flammable and combustible liquids and gases
7. Identify safety procedures
8. Identify storage compatibility requirements

### Requisite Skills

1. Identify typical fire hazards associated with processes or operations utilizing flammable and combustible liquids
2. Observe and recognize deficiencies
3. Interpret codes to apply decision-making skills
4. Communicate deficiencies

### Content Modification

Block	Modification	Justification
JPR	Added “and ordinances”.	“Codes, standards, and ordinances” is more comprehensive and applicable to all situations. (2024)
RK1	Added “and gases”.	Added to match JPR requirements.
RK3	Changed “make appropriate decisions” to “apply decision-making skills”.	“Appropriate” is too vague and subjective; the cadre’s change expresses what is really being asked.
RK6	Added “related to flammable and combustible liquids and gases”.	Added for clarity.

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RK8	Added "requirements".	
RS3	Added "to apply decision-making skills".	

**Cross Reference**

<b>Course Plan</b>	<b>Skill Sheet</b>	<b>Task Book</b>
Fire Inspector 2D (2024) <ul style="list-style-type: none"><li>• Topic 3-1 (RK1, RK2, RK4, RK5, RK6, RK7, RS1, RS2, RS4)</li><li>• Topic 3-2 (RK8, RS2, RS3, RS4)</li><li>• Topic 3-3 (RK3, RS2, RS3, RS4)</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 20</li></ul>

## 4-11: Evaluating Code Compliance for the Storage, Handling, and Use of Hazardous Materials

### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.4.11
2. Office of the State Fire Marshal

### Job Performance Requirement

Evaluate code compliance for the storage, handling, and use of hazardous materials, given field observations, so that deficiencies are identified, documented, and reported in accordance with the applicable codes, standards, and ordinances and the policies of the AHJ.

### Requisite Knowledge

1. Describe hazardous materials properties and hazards
2. Describe safety data sheets
3. Describe safe handling, use, and dispensing practices for hazardous materials
4. Identify applicable codes and standards
5. Describe fire protection systems and equipment approved for the material
6. Describe fire behavior related to hazardous materials
7. Identify safety procedures
8. Describe chemical reactions
9. Identify storage compatibility requirements
10. Describe how to determine maximum allowable quantities (MAQ)
11. Describe control areas
12. Describe how to evaluate control areas as they relate to hazardous materials storage
13. Describe general requirements for quantities not exceeding maximum allowable quantities per control area

### Requisite Skills

1. Evaluate fire and health hazards associated with processes or operations utilizing hazardous materials
2. Describe the requirements for, and contents of, a Hazardous Materials Management Plan
3. Observe and recognize deficiencies
4. Interpret codes to apply decision-making skills
5. Communicate deficiencies
6. Evaluate MAQs and control areas as they relate to hazardous materials storage

### Content Modification

Block	Modification	Justification
JPR	Added “ordinances”.	“Codes, standards, and ordinances” is more comprehensive and applicable to all situations. (2024)
RK3	Added “use and dispensing” and “for hazardous materials”.	Added to match JPR requirements and clarify NFPA intent.
RK6	Added “related to hazardous materials”.	Added to clarify intent.
RK9	Added “requirements”.	Added to clarify intent.
RK10	Added knowledge requirement.	This task is not included in NFPA 1030 but is required by California law (California Fire Code (2016)).
RK11	Added knowledge requirement.	This task is not included in NFPA 1030 but is required by California law (California Fire Code (2016)).
RK12	Added knowledge requirement.	This task is not included in NFPA 1030 but is required by California law (California Fire Code (2016)).
RK13	Added knowledge requirement.	This task is not included in NFPA 1030 but is required by California law (California Health & Safety Code, Division 20, Chapter 6.95).
RS1	Changed “Identify” to “Evaluate”.	This verb change speaks to the level of skill needed at Fire Inspector and is supported by the RKs.
RS1	Added “and health”.	California Fire Inspector’s evaluate mor than fire hazards.
RS2	Added skills component.	This task is not included in NFPA 1031 but is required by California law (California Health & Safety Code, Division 20, Chapter 6.11).
RS4	Added “to apply decision-making skills”.	Added for clarity.
RS4	Changed “appropriate decisions” to “apply decision-making skills”.	“Appropriate” is too vague and subjective; the cadre’s change expresses what is really being asked.
RS6	Added skills component.	This supports RK10.

**Cross Reference**

Course Plan	Skill Sheet	Task Book
Fire Inspector 2D (2024) <ul style="list-style-type: none"><li>• Topic 3-1 (RK1, RK2, RK4, RK5, RK6, RK7, RK8, RS1, RS2, RS3, RS5)</li><li>• Topic 3-2 (RK9, RK10, RK11, RK12, RK13, RS3, RS4, RS5, RS6)</li><li>• Topic 3-3 (RK3, RS3, RS4, RS5)</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 21</li></ul>

## 4-12: Determining Fire Growth Potential

### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.4.12
2. Office of the State Fire Marshal

### Job Performance Requirement

Determine fire growth potential in a building or space, given field observations or plans, so that the contents, interior finish, and construction elements are evaluated for compliance, and deficiencies are identified, documented, and corrected in accordance with the applicable codes, standards, and ordinances and the policies of the AHJ.

### Requisite Knowledge

1. Describe basic fire behavior in buildings and spaces
2. Identify flame spread and smoke development ratings of contents, interior finishes, building construction elements, decorations, decorative materials, and furnishings
3. Describe how to determine compliance of contents, interior finish, and construction elements
4. Describe how to identify, document, verify, and report or resolve deficiencies
5. Describe safe housekeeping practices

### Requisite Skills

1. Communicate deficiencies in building contents, interior finishes, and construction elements
2. Interpret codes and standards
3. Observe and recognize hazardous conditions
4. Demonstrate decision-making skills regarding corrections

### Content Modification

Block	Modification	Justification
JPR	Added "ordinances".	"Codes, standards, and ordinances" is more comprehensive and applicable to all situations. (2024)
RK1	Added "in buildings and spaces".	Added for clarity.
RK3	Added knowledge component.	Added to match JPR requirements.
RK4	Added knowledge component.	Added to match JPR requirements.
RS1	Added "deficiencies in building contents, interior finishes, and construction elements".	Added for clarity.

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RS4	Changed “make appropriate decisions” to “demonstrate decision-making skills”.	“Appropriate” is too vague and subjective; the cadre’s change expresses what is really being asked.
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**Cross Reference**

<b>Course Plan</b>	<b>Skill Sheet</b>	<b>Task Book</b>
Fire Inspector 2B (2024) <ul style="list-style-type: none"><li>• Topic 6-1</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 22</li></ul>

## 4-13: Verifying Compliance with Construction Documents

### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.4.13

### Job Performance Requirement

Verify 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, so that deficiencies are identified, documented, and reported in accordance with the applicable codes, standards, and ordinances and the policies of the AHJ.

### Requisite Knowledge

1. Define prescriptive- and performance-based design
2. Identify conditions or situations that would trigger or result in the need for performance-based design
3. Describe applicable codes, standards, and ordinances for installation and testing of fire protection systems
4. Describe how to verify that means of egress are installed, inspected, and tested to perform as designed
5. Describe how to verify that building services equipment is installed, inspected, and tested to perform as designed

### Requisite Skills

1. Recognize and evaluate performance-based design in the field
2. Witness and validate tests of fire protection systems and building services equipment

### Content Modification

Block	Modification	Justification
JPR	Added “and ordinances”.	“Codes, standards, and ordinances” is more comprehensive and applicable to all situations. (2024)
RK1	Added knowledge component.	Needed to meet the JPR.
RK2	Added knowledge component.	Needed to meet the JPR.
RK3	Added “and ordinances”.	“Codes, standards, and ordinances” is more comprehensive and applicable to all situations. (2024)
RK4	Added “how to verify that” and “are installed, inspected, and tested to perform as designed”.	Added for clarity.

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RK5	Added “how to verify that” and “is installed, inspected, and tested to perform as designed”.	Added for clarity.
RS1	Added skills component.	Needed to meet the JPR.

### Cross Reference

Course Plan	Skill Sheet	Task Book
Fire Inspector 2C (2024) <ul style="list-style-type: none"><li>• Topic 2-5</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 23</li></ul>

## 4-14: Verifying Code Compliance of Building Service Equipment and Operations

### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.4.14

### Job Performance Requirement

Verify code compliance of heating, ventilation, air conditioning, and other building service equipment and operations, given field observations, so that the systems and other equipment are maintained in accordance with applicable codes, standards, and operations and deficiencies are identified, documented, and reported in accordance with the policies of the AHJ.

### Requisite Knowledge

1. Describe types, installation, maintenance, and use of building service equipment
2. Describe operation of smoke and heat vents
3. Describe installation of kitchen cooking equipment (including hoods and ducts), laundry chutes, elevators, and escalators
4. Identify emerging technologies
5. Identify energy efficiency systems
6. Identify applicable codes and standards adopted by the AHJ

### Requisite Skills

1. Observe and recognize deficiencies
2. Interpret codes and standards related to building service equipment
3. Write reports to document deficiencies

### Content Modification

Block	Modification	Justification
JPR	Added “and ordinances”.	“Codes, standards, and ordinances” is more comprehensive and applicable to all situations. (2024)
RS2	Added “related to building service equipment”.	Added for clarity.
RS3	Added “to document deficiencies”.	Added for clarity.

### Cross Reference

Course Plan	Skill Sheet	Task Book
Fire Inspector 2C (2024) <ul style="list-style-type: none"><li>• Topic 2-2</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 24</li></ul>

## 4-15: Verifying Emergency Access for an Existing Site

### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.4.15

### Job Performance Requirement

Verify emergency access for an existing site, given field observations and approved plans, so that the required access for emergency responders is maintained and deficiencies are identified, documented, and corrected in accordance with the applicable policies of the AHJ.

### Requisite Knowledge

1. Describe policies of the AHJ
2. Describe emergency access and accessibility requirements
3. Describe AHJ enforcement actions

### Requisite Skills

1. Observe and report deficiencies per the policies of the AHJ
2. Implement the emergency access requirements

### Content Modification

Block	Modification	Justification
RK3	Added knowledge component.	Added to meet the JPR.

### Cross Reference

Course Plan	Skill Sheet	Task Book
Fire Inspector 2C (2024) <ul style="list-style-type: none"><li>• Topic 2-3</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 25</li></ul>

## 4-16: Verifying Available Fire Flows for a Site

### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.4.16

### Job Performance Requirement

Verify available fire flows for a site, given fire flow test results and water supply data, so that required fire flows are in accordance with applicable codes, standards, and ordinances and deficiencies are identified, documented, and reported in accordance with the applicable codes, standards, and ordinances and the policies of the AHJ.

### Requisite Knowledge

1. Define fire flow
2. Distinguish between fire flow and water flow
3. Identify the applicable codes, standards, and ordinances and the policies of the AHJ
4. Identify types of water distribution systems and other water sources in the local community
5. Describe water distribution system testing
6. Describe characteristics of public and private water supply systems
7. Describe flow testing procedures

### Requisite Skills

1. Use Pitot tubes, gauges, and other data gathering devices
2. Graph and evaluate fire flow results
3. Calculate the required fire flow

### Content Modification

Block	Modification	Justification
JPR	Added “and ordinances” twice.	“Codes, standards, and ordinances” is more comprehensive and applicable to all situations. (2024)
RK1	Added knowledge component.	This is key to meeting the JPR.
RK2	Added knowledge component.	This is key to meeting the JPR.
RK3	Added knowledge component.	This meets the JPR and accounts for the many modifications to what the fire code calls out.
RS3	Added skills component.	This skill is part of the process referenced in the JPR.

**Cross Reference**

Course Plan	Skill Sheet	Task Book
Fire Inspector 2C (2024) <ul style="list-style-type: none"><li>• Topic 2-4</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 26</li></ul>

## 4-17: Computing Maximum Occupant Load of a Multi-Use Building

### Authority

1. Office of the State Fire Marshal

### Job Performance Requirement

Compute the maximum allowable occupant load of a multi-use building, given field observations or a description of a building's uses, in accordance with applicable codes and standards.

### Requisite Knowledge

1. Describe how to calculate occupant loads for an occupancy and for building use
2. Describe code requirements, regulations, operational features, and fire hazards presented by various occupancies

### Requisite Skills

1. Calculate occupant loads
2. Identify occupancy factors related to various occupancy classifications
3. Use measuring tools, including a calculator, to compute the maximum allowable occupant load of a multi-use building

### Content Modification

Block	Modification	Justification
CTS	Added a new standard.	This was paragraph 5.3.1 in NFPA 1031 (2014). NFPA dropped it in 2030 (2024). The cadre chose to keep it under OSFM authority.

### Cross Reference

Course Plan	Skill Sheet	Task Book
Fire Inspector 2B (2024) <ul style="list-style-type: none"><li>• Topic 2-4</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 27</li></ul>

## 4-18: Assessing Alternative Methods to Adjust Occupant Loads

### Authority

1. Office of the State Fire Marshal

### Job Performance Requirement

Assess alternative methods to adjust occupant loads, given a description of an area, building, or portion of a building and its intended use, to keep the occupant load in accordance with applicable codes and standards.

### Requisite Knowledge

1. Identify applicable codes and standards adopted by the jurisdiction
2. Describe occupancy requirements for adjusting occupant loads
3. Describe impact of egress requirements on alternative methods to adjust occupant loads
4. Describe how to evaluate evacuation plan procedures related to adjusted occupant loads

### Requisite Skills

1. Read plans and reports, interpret codes and standards, and make decisions related to adjusting occupant loads
2. Analyze performance-based reports

### Content Modification

Block	Modification	Justification
CTS	Added a new standard.	This was paragraph 6.3.1 in NFPA 1031 (2014). NFPA dropped it in 2030 (2024). The cadre chose to keep it under OSFM authority.

### Cross Reference

Course Plan	Skill Sheet	Task Book
Fire Inspector 2B (2024) <ul style="list-style-type: none"><li>• Topic 2-5</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 28</li></ul>

## 4-19: Proposing Correction for Egress Deficiencies

### Authority

1. Office of the State Fire Marshal

### Job Performance Requirement

Evaluate each deficiency and its proposed correction, given a list of means of egress deficiencies in a building and the proposed correction, so that the correction complies with applicable codes and standards and deficiencies are identified, documented, and reported in accordance with jurisdictional policies.

### Requisite Knowledge

1. Identify applicable codes and standards adopted by the jurisdiction
2. Describe impact of occupancy requirements on egress deficiencies
3. Describe means of egress requirements for a building or portion of a building

### Requisite Skills

1. Read and analyze plans and performance-based reports
2. Interpret codes and standards related to egress deficiencies and make decisions regarding correction

### Content Modification

Block	Modification	Justification
CTS	Added a new standard.	This was paragraph 6.3.2 in NFPA 1031 (2014). NFPA dropped it in 2030 (2024). The cadre chose to keep it under OSFM authority.

### Cross Reference

Course Plan	Skill Sheet	Task Book
Fire Inspector 2B (2024) <ul style="list-style-type: none"><li>• Topic 3-3</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 29</li></ul>

## 4-20: Evaluating Construction Type of an Addition or Remodel

### Authority

1. Office of the State Fire Marshal

### Job Performance Requirement

Evaluate the construction type required for an addition or remodeling project, given a description of a building and its use, so that construction type meets applicable codes and standards, and deficiencies are identified, documented, and reported in accordance with AHJ policies.

### Requisite Knowledge

2. Identify policies, procedures, and applicable codes and standards adopted by the AHJ
3. Describe the impact of occupancy requirements on construction type
4. Describe construction methods
5. Describe building construction features required in a wildland urban interface environment
6. Describe procedures for resolving deficiencies

### Requisite Skills

1. Recognize problems with the construction type of an addition or remodel project
2. Read reports and plans as necessary to evaluate construction type

### Content Modification

Block	Modification	Justification
CTS	Added a new standard.	This was paragraph 6.3.3 in NFPA 1031 (2014). NFPA dropped it in 2030 (2024). The cadre chose to keep it under OSFM authority.

### Cross Reference

Course Plan	Skill Sheet	Task Book
Fire Inspector 2B (2024) <ul style="list-style-type: none"><li>• Topic 5-2</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 30</li></ul>

## Section 5: Plans Review

### 5-1: Classifying a Building Occupancy

#### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.5.1
2. Office of the State Fire Marshal

#### Job Performance Requirement

Classify an occupancy, given a set of plans, specifications, and a description of a building and its use, so that the classification is made in accordance with the applicable codes, standards, and ordinances and the policies of the AHJ.

#### Requisite Knowledge

1. Describe types of plan views
2. Describe the systematic plan review process
3. Describe how to identify an occupancy classification from a set of plans
4. Identify applicable codes, standards, ordinances, and regulations
5. Describe how operational features may impact occupancy classification
6. Identify hazards presented by various occupancies

#### Requisite Skills

1. Read plans to determine occupancy classification
2. Apply decision-making skills

#### Content Modification

Block	Modification	Justification
JPR	Added "ordinances".	"Codes, standards, and ordinances" is more comprehensive and applicable to all situations. (2024)
RK1	Added knowledge component.	Added to clarify intent of JPR.
RK2	Added knowledge component.	Added to clarify intent of JPR.
RK3	Added "how to identify an" and "from a set of plans".	Added to clarify intent of JPR.
RK4	Added "ordinances".	"Codes, standards, and ordinances" is more comprehensive and applicable to all situations. (2024)
RK5	Added "may impact occupancy classification".	Added to clarify intent of JPR.

## Fire Inspector

### Section 5: Plans Review

RK6	Deleted “fire”.	State Fire Marshal is tasked with more than just fire hazards. California exceeds NFPA.
RS1	Added “to determine occupancy classification”.	Added to clarify intent of JPR.
RS2	Changed “Make appropriate decisions” to “Apply decision-making skills”.	“Appropriate” is too vague and subjective; the cadre’s change expresses what is really being asked.

### Cross Reference

Course Plan	Skill Sheet	Task Book
Fire Inspector 2B (2024) <ul style="list-style-type: none"><li>• Topic 2-1</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 31</li></ul>

## 5-2: Computing Maximum Allowable Occupancy Load

### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.5.2

### Job Performance Requirement

Compute the maximum allowable occupant load, given a floor plan of a building or portion of the building, so that the calculated occupant load is in accordance with the applicable codes, standards, and ordinances and the policies of the AHJ.

### Requisite Knowledge

1. Describe how to calculate occupant loads for an occupancy and building use
2. Identify code, standard, and ordinance requirements and regulations
3. Describe how operational features such as fixed seating impact occupant load
4. Identify hazards presented by various occupancies

### Requisite Skills

1. Calculate accurate occupant loads
2. Identify occupancy factors related to various occupancy classifications
3. Use measuring tools, including a calculator
4. Read plans

### Content Modification

Block	Modification	Justification
JPR	Added "and ordinances".	"Codes, standards, and ordinances" is more comprehensive and applicable to all situations. (2024)
RK2	Added "standard, and ordinance".	"Codes, standards, and ordinances" is more comprehensive and applicable to all situations. (2024)
RK3	Added "impact occupant load".	Added to clarify intent.
RK4	Deleted "fire".	State Fire Marshal is tasked with more than just fire hazards. California exceeds NFPA.

### Cross Reference

Course Plan	Skill Sheet	Task Book
Fire Inspector 2B (2024) <ul style="list-style-type: none"><li>• Topic 2-3</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 32</li></ul>

### 5-3: Reviewing Proposed Installation of Fire Protection Systems

#### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.5.3

#### Job Performance Requirement

Review the proposed installation of fire protection systems, given shop drawings and system specifications for a storage commodity, process, or operation, so that the system is reviewed for code compliance and installed in accordance with the approved drawings, and deficiencies are identified, documented, and reported in accordance with the applicable codes, standards, and ordinances and the policies of the AHJ.

#### Requisite Knowledge

1. Describe proper selection, distribution, location, and testing of portable fire extinguishers
2. Identify methods used to evaluate the operational readiness of water supply systems used for fire protection
3. Describe evaluation and testing of automatic sprinkler, water spray, and standpipe systems and fire pumps
4. Describe evaluation and testing of fixed fire suppression systems
5. Describe evaluation and testing of automatic fire detection and alarm systems and devices

#### Requisite Skills

1. Read basic floor plans or shop drawings
2. Identify symbols recognized by the AHJ

#### Content Modification

Block	Modification	Justification
JPR	Added “and ordinances”.	“Codes, standards, and ordinances” is more comprehensive and applicable to all situations. (2024)

#### Cross Reference

Course Plan	Skill Sheet	Task Book
Fire Inspector 2C (2024) <ul style="list-style-type: none"><li>• Topic 3-1</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 33</li></ul>

## 5-4: Comparing an Approved Plan to an Existing Fire Protection System

### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.5.4

### Job Performance Requirement

Compare an approved plan to an existing fire protection system, given approved plans and field observations, so that any modifications to the system are identified, documented, and reported in accordance with the applicable codes, standards, and ordinances and the policies of the AHJ.

### Requisite Knowledge

1. Identify fire protection symbols and terminology

### Requisite Skills

1. Read and comprehend plans for fire protection systems
2. Observe changes in the field
3. Apply codes, standards, and ordinances
4. Recognize, document, and communicate hazards and deficiencies
5. Apply decision-making skills

### Content Modification

Block	Modification	Justification
JPR	Added “and ordinances”.	“Codes, standards, and ordinances” is more comprehensive and applicable to all situations. (2024)
RS2	Added “changes in the field”.	Added for clarity.
RS3	Added “and ordinances”.	“Codes, standards, and ordinances” is more comprehensive and applicable to all situations. (2024)
RS4	Added “document”.	Added to meet JPR.
RS4	Added “hazards and deficiencies”.	Added for clarity.
RS4	Changed “Make appropriate decisions” to “Apply decision-making skills”.	“Appropriate” is too vague and subjective; the cadre’s change expresses what is really being asked.

### Cross Reference

Course Plan	Skill Sheet	Task Book
Fire Inspector 2C (2024) <ul style="list-style-type: none"><li>• Topic 3-3</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 34</li></ul>

## 5-5: Reviewing Means of Egress Elements

### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.5.5

### Job Performance Requirement

Review the means of egress elements provided, given a floor plan of a building or portion of a building, so that all elements are identified and checked against applicable codes, standards, and ordinances and deficiencies are discovered and communicated in accordance with the policies of the AHJ.

### Requisite Knowledge

1. Identify applicable codes, standards, and ordinances adopted by the AHJ
2. Identify standard symbols recognized by the AHJ used in plans to denote means of egress
3. Discuss field verification practices used to confirm appropriate egress elements
4. Communicate findings with stakeholders

### Requisite Skills

1. Read plans
2. Research codes and standards to verify means of egress elements

### Content Modification

Block	Modification	Justification
JPR	Added “and ordinances”.	“Codes, standards, and ordinances” is more comprehensive and applicable to all situations. (2024)
RK1	Added “and ordinances”.	“Codes, standards, and ordinances” is more comprehensive and applicable to all situations. (2024)
RK2	Added “to denote means of egress”.	Added for clarity.
RK3	Added “used to confirm appropriate egress elements”.	Added for clarity.
RK4	Added knowledge component.	Added to meet JPR.
RS2	Added “verify means of egress elements”.	Added for clarity.

### Cross Reference

Course Plan	Skill Sheet	Task Book
Fire Inspector 2B (2024) <ul style="list-style-type: none"><li>• Topic 3-1</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 35</li></ul>

## 5-6: Reviewing Construction Type of a Building

### Authority

1. NFPA 1030: Standard for Professional Qualifications for Fire Prevention Program Positions (2024)
  - Paragraph 7.5.6

### Job Performance Requirement

Review the construction type of a building or portion thereof, given a set of plans and specifications, so that the construction type complies with adopted codes, standards, and ordinances of the AHJ.

### Requisite Knowledge

1. Describe building construction type with emphasis on fire-rated construction
2. Describe evaluation of methods of construction and assemblies for fire rating
3. Interpret analysis of test results
4. Identify and describe manufacturer's specifications

### Requisite Skills

1. Recognize and describe characteristics of each type of building construction

### Content Modification

Block	Modification	Justification
JPR	Added "and ordinances".	"Codes, standards, and ordinances" is more comprehensive and applicable to all situations. (2024)
RK1	Added "type".	Added for clarity.
RS1	Changed "Identify" to "Recognize and describe".	Added to increase level of learning required by JPR.

### Cross Reference

Course Plan	Skill Sheet	Task Book
Fire Inspector 2B (2024) <ul style="list-style-type: none"><li>• Topic 5-1</li></ul>	N/A	Fire Inspector (2024) Certification Task Book <ul style="list-style-type: none"><li>• JPR 36</li></ul>