



## FIRE INSPECTOR I

### NFPA Standard 1031, 2014 Edition

#### Test Construction Guide

Candidates should be knowledgeable in the Fire Code that has been adopted in their jurisdiction prior to testing. The Evaluator will verify during testing that the appropriate fire and building codes have been referenced by the candidate according to the candidate's jurisdictional fire codes, building codes, policy, procedures and protocols.

The practical skills examination will consist of 3 evaluations on facilities that are selected by TCO/SE familiar with jurisdictional protocol, policies and procedure. Separate scenarios for testing will be utilized depending on the type of facility selected.

The candidate must complete all skills sheets in training prior to testing. When ready for the practical, the TCO will **select three facilities** to inspect and a courtroom testimony station. A certified evaluator will evaluate the candidate. The candidate's inspection will not be utilized in any other way (i.e., providing a real inspection for the jurisdiction) than for testing and certification purposes. A retest will be offered the same day provided no more than 3 task sheets are failed. Candidates are responsible to have mastered **all** of the practical skills within the NFPA standards. Each station must be successfully passed to be certified and will be graded on a pass/fail basis. If they fail the same task twice in the same day, they will have to retest at another test site on another day.

4.2.6 – Mandatory testing required for courtroom testimony: This may be accomplished in a mock court room setting.

This standard requires a candidate to take a courtroom testimony course that includes testing component. Due to the complications of testing this JPR, the candidate may furnish a satisfactory completion certificate for a state approved courtroom testimony class or show proof of a current police commission. If a candidate has not attended a course or is not police commissioned, he/she must be tested on this job performance requirement in addition to the three facilities inspected. Please contact the Accreditation and Certification Unit for information on approved courses.

#### Discipline

Skill Sheet	NFPA Section #	Tasks	Certification JPR Requirements: 6 Mandatory and 6 Random (for total of 12 Skill Sheets selected)
1.	4.2.1	Administration: <b>Inspection Reports</b>	<b>Select 6 Mandatory</b>
2.	4.2.2	Administration: <b>Permits</b>	
3.	4.2.3	Administration: <b>Plan Review</b>	
4.	4.2.4	Administration: <b>Complaints</b>	
5.	4.2.5	Administration: <b>Codes &amp; Standards</b>	
6.	4.2.6	Administration: <b>Legal Proceedings</b>	
7.	4.3.1	Field Inspection: <b>Occupancy Classification</b>	
8.	4.3.2	Field Inspection: <b>Occupant Load</b>	
9.	4.3.3	Field Inspection: <b>Means of Egress</b>	
10.	4.3.4	Field Inspection: <b>Type of Construction</b>	
11.	4.3.5	Field Inspection: <b>Fixed Fire Suppression Systems</b>	
19.	4.3.12	Field Inspection: <b>Hazardous Materials</b>	
21.	4.3.14	Field Inspection: <b>Code Compliance</b>	
22.	4.3.15	Field Inspection: <b>Fire Flows Using Pitot Tube Calculations</b>	
23.	4.3.16	Field Inspection: <b>Fire Flows Using Pitot Tube Calculations</b>	
12.	4.3.6	Field Inspection: <b>Fire Detection and Alarm Systems</b>	<b>Select 6 Random</b>
13.	4.3.7	Field Inspection: <b>Portable Fire Extinguishers</b>	
14.	4.3.8	Field Inspection: <b>Hazardous Conditions</b>	
15.	4.3.9	Field Inspection: <b>Approved Plans</b>	
16.	4.3.10	Field Inspection: <b>Emergency Planning &amp; Preparedness</b>	
17.	4.3.11	Field Inspection: <b>Emergency Access</b>	
18.	4.3.12	<b>Skill Area:</b> Field Inspection <b>Flammable, Combustible Liquids &amp; Gases</b>	
20.	4.3.13	Field Inspection: <b>Fire Growth</b>	



## FIRE INSPECTOR I

Candidate Name \_\_\_\_\_ Skill Sheet 1

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1031, 2014 Edition		<b>JPR:</b> 4.2.1		<b>SKILL AREA:</b> Administration: <b>Inspection Reports</b>			
<b>TASK:</b> Prepare inspection reports, given agency policy and procedures, and observations from an assigned field inspection, so that the report is clear and concise and accurately reflects the findings of the inspection in accordance with applicable codes and standards and policies and procedures of the jurisdiction.							
<b>CONDITIONS:</b> Given an actual field inspection situation and local jurisdictional forms and provided with jurisdictional codes, standards, and policies.							
<b>PERFORMANCE OUTCOME:</b> The candidate must demonstrate the ability to conduct a field inspection, interpret codes and standards, write a report, and communicate orally and in writing.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Conduct a field inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Review findings of the inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Demonstrate appropriate use of applicable codes and standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Prepare a clear, legible and concise inspection report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5.	Identify proper recipient of the report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6.	Communicate to the recipient the results of the inspection and the actions necessary to correct the deficiencies documented on the inspection report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
7.	Establish a compliance time frame	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Candidate Stop Safety: Yes <input type="checkbox"/>				Equipment Stop Safety: Yes <input type="checkbox"/>			

Evaluator/Candidate Comments \_\_\_\_\_

Retest Approved by \_\_\_\_\_

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 Evaluator (Print & Sign)

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 Candidate Signature

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## FIRE INSPECTOR I

Candidate Name \_\_\_\_\_ Skill Sheet 2

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1031, 2014 Edition		<b>JPR:</b> 4.2.2		<b>SKILL AREA:</b> Administration: <b>Permits</b>			
<b>TASK:</b> Recognize the need for a permit, given a situation or condition, so that requirements for permits are communicated in accordance with the applicable codes and standards and policies of the jurisdiction.							
<b>CONDITIONS:</b> Given a situation where a permit may be required according to written policies of the authority having jurisdiction and the fire code permit process.							
<b>PERFORMANCE OUTCOME:</b> Candidate will demonstrate the ability to communicate verbally and in writing.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Recognize the need for a permit in accordance with applicable codes and standards and policies of the jurisdiction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Determine the type of permit required	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Direct written communication to the proper responsible party	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Communicate verbally and in writing why the permit is necessary	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5.	Advise party how to proceed with securing the necessary permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Candidate Stop Safety: Yes <input type="checkbox"/>				Equipment Stop Safety: Yes <input type="checkbox"/>			

Evaluator/Candidate Comments \_\_\_\_\_

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 Evaluator (Print & Sign)

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## FIRE INSPECTOR I

Candidate Name \_\_\_\_\_ Skill Sheet 3

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1031, 2014 Edition		<b>JPR:</b> 4.2.3		<b>SKILL AREA:</b> Administration: <b>Plan Review</b>			
<b>TASK:</b> Recognize the need for plan review, given a situation or condition, so that requirements for plan reviews are communicated in accordance with the applicable codes and standards and the policies of the jurisdiction.							
<b>CONDITIONS:</b> Given a situation where a plan review may be required according to the written policies of the jurisdiction and the fire code plan review requirements.							
<b>PERFORMANCE OUTCOME:</b> The candidate will demonstrate the ability to communicate verbally and in writing.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Identify criteria for plan review according to the codes and standards and policies of the jurisdiction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Determine if the need for a plan review exists	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	State the rationale for the plan review verbally and in writing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Communicate the requirements to proceed with the plan review process verbally and in writing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Candidate Stop Safety:</b> Yes <input type="checkbox"/>				<b>Equipment Stop Safety:</b> Yes <input type="checkbox"/>			

Evaluator/Candidate Comments \_\_\_\_\_

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Evaluator (Print & Sign)

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Candidate Signature

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## FIRE INSPECTOR I

Candidate Name \_\_\_\_\_ Skill Sheet 4

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1031, 2014 Edition		<b>JPR:</b> 4.2.4		<b>SKILL AREA:</b> Administration: <b>Complaints</b>			
<b>TASK:</b> Investigate common complaints given a reported situation or condition, so that complaint information is recorded, the appropriate process is initiated, and the complaint is resolved.							
<b>CONDITIONS:</b> Given a reported situation or condition, a complaint form, and local jurisdictional codes and standards. (Role playing will be included in #3)							
<b>PERFORMANCE OUTCOME:</b> Candidate will investigate complaint, record appropriate information and initiate appropriate process to resolve the complaint.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Investigating Complaints	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	a. Gather all pertinent information regarding complaint according to local policy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	b. Identify authority having jurisdiction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	c. Determine validity of complaint (violation/non-violation)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	d. Identify and reference appropriate codes and/or standards for the violation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Recording Complaint Information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	a. Complete required forms and documents correctly, according to local procedures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	b. Process and route forms correctly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Compliance Initiation and Notification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	a. Initiate compliance action (if required) per local enforcement procedures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	b. Notify complainant of disposition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	c.. Properly document disposition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Candidate Stop Safety: Yes <input type="checkbox"/>			Equipment Stop Safety: Yes <input type="checkbox"/>				

Evaluator/Candidate Comments \_\_\_\_\_

Retest Approved by \_\_\_\_\_

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Evaluator (Print & Sign)

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Candidate Signature

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Retest Evaluator (Print & Sign)

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## FIRE INSPECTOR I

Candidate Name \_\_\_\_\_ Skill Sheet 5

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1031, 2014 Edition		<b>JPR:</b> 4.2.5		<b>SKILL AREA:</b> Administration: <b>Codes &amp; Standards</b>			
<b>TASK:</b> Identify the applicable code or standard, given a fire protection, fire prevention, or life safety issue, so that the proper document, edition, and section are referenced.							
<b>CONDITIONS:</b> Given the applicable codes and standards.							
<b>PERFORMANCE OUTCOME:</b> Candidate will demonstrate the ability to identify and apply the codes and standards adopted by the jurisdiction.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Identify the applicable code or standard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Reference the proper edition of applicable code or standard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Reference the correct section of applicable code or standard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Properly apply the code or standard to a fire protection issue	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Candidate Stop Safety: Yes <input type="checkbox"/>			Equipment Stop Safety: Yes <input type="checkbox"/>				

Evaluator/Candidate Comments \_\_\_\_\_

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## FIRE INSPECTOR I

Candidate Name \_\_\_\_\_ Skill Sheet 6

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1031, 2014 Edition		<b>JPR:</b> 4.2.6		<b>SKILL AREA:</b> Administration: <b>Legal Proceedings</b>			
<b>TASK:</b> Testify at legal proceedings, given the findings of a field inspection or a complaint and consultation with legal counsel, so that all information is presented and the inspector's demeanor is appropriate for the proceeding.							
<b>CONDITIONS:</b> Given facts and documentation of a specific case involving an inspection or a complaint and consultation with legal counsel.							
<b>PERFORMANCE OUTCOME:</b> Candidate will demonstrate the ability to testify at legal proceedings, presenting information accurately and displaying appropriate demeanor.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Inform the court of the issue, legal requirements, and local procedures for non-compliance with the notice.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Demonstrate appropriate courtroom dress and grooming	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Demonstrate appropriate courtroom demeanor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	a. Posture	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	b. Mannerisms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	c. Composure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	d. Confidence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Demonstrate appropriate communication skills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	a. Listen carefully	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	b. Respond to questions appropriately	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	c. Use professional language	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	d. Maintain objectivity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	e. Accurately convey facts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	f. Give testimony consistent with documented facts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Candidate Stop Safety: Yes</b> <input type="checkbox"/>			<b>Equipment Stop Safety: Yes</b> <input type="checkbox"/>				

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## FIRE INSPECTOR I

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## FIRE INSPECTOR I

Candidate Name \_\_\_\_\_ Skill Sheet 7

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1031, 2014 Edition		<b>JPR:</b> 4.3.1		<b>SKILL AREA:</b> Field Inspection: <b>Occupancy Classification</b>			
<b>TASK:</b> Identify the occupancy classification of single-use occupancy, given a description of the occupancy and its use, so that the classification is made according to the applicable codes and standards.							
<b>CONDITIONS:</b> Given a detailed description of single-use occupancy and applicable codes and standards.							
<b>PERFORMANCE OUTCOME:</b> Candidate will demonstrate the ability to make observations and correct decisions.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Identify the operational features and the use of the occupancy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Determine the occupancy classification in accordance with the applicable codes and standards of the jurisdiction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Candidate Stop Safety: Yes <input type="checkbox"/>				Equipment Stop Safety: Yes <input type="checkbox"/>			

Evaluator/Candidate Comments \_\_\_\_\_  
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## FIRE INSPECTOR I

Candidate Name \_\_\_\_\_ Skill Sheet 8

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1031, 2014 Edition		<b>JPR:</b> 4.3.2		<b>SKILL AREA:</b> Field Inspection: <b>Occupant Load</b>			
<b>TASK:</b> Compute the allowable occupant load of a single-use occupancy or portion thereof, given a detailed description of the occupancy so that the calculated allowable occupant load is established in accordance with applicable codes and standards.							
<b>CONDITIONS:</b> Given a detailed description of single-use occupancy and applicable codes and standards.							
<b>PERFORMANCE OUTCOME:</b> Candidate will demonstrate the ability to calculate occupant loads, using measuring tools, a calculator and field sketches of the occupancy.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Identify the use of the occupancy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Measure the occupancy or portion thereof and make a field sketch of the area to be calculated	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Determine proper occupant load factor using the codes and standards adopted by the jurisdiction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Calculate the allowable occupant load of the occupancy or portion thereof and document the findings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Candidate Stop Safety: Yes <input type="checkbox"/>				Equipment Stop Safety: Yes <input type="checkbox"/>			

Evaluator/Candidate Comments \_\_\_\_\_

Retest Approved by \_\_\_\_\_

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Evaluator (Print & Sign)

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Candidate Signature

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## FIRE INSPECTOR I

Candidate Name \_\_\_\_\_ Skill Sheet 9

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1031, 2014 Edition		<b>JPR:</b> 4.3.3		<b>SKILL AREA:</b> Field Inspection: <b>Means of Egress</b>			
<b>TASK:</b> 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 and standards and all deficiencies are identified, documented, and reported in accordance with applicable codes and standards and the policies of the jurisdiction.							
<b>CONDITIONS:</b> Given field observations and applicable codes and standards and policies of the jurisdiction.							
<b>PERFORMANCE OUTCOME:</b> Candidate will demonstrate the ability to observe, identify deficiencies and report noted deficiencies so that means of egress elements of an existing building are maintained in accordance with applicable codes and standards of the jurisdiction.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Inspect the means of egress elements of an existing building	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Calculate travel distances to required exits	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Determine if any changes have been made in the means of egress	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Make sketches of exit patterns for future reference	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5.	Confirm compliance with applicable codes and standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6.	Identify and document deficiencies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
7.	Submit report in accordance with policies of the jurisdiction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Candidate Stop Safety:</b> Yes <input type="checkbox"/>				<b>Equipment Stop Safety:</b> Yes <input type="checkbox"/>			

**Evaluator/Candidate Comments** \_\_\_\_\_

**Retest Approved by** \_\_\_\_\_

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**Evaluator (Print & Sign)**

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**Candidate Signature**

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**Date**

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**Retest Evaluator (Print & Sign)**

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**Candidate Signature**

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**Date**



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## FIRE INSPECTOR I

Candidate Name \_\_\_\_\_ Skill Sheet 10

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1031, 2014 Edition		<b>JPR:</b> 4.3.4		<b>SKILL AREA:</b> Field Inspection: <b>Type of Construction</b>			
<b>TASK:</b> Verify the type of construction for an addition or remodeling project, given observations or description of the project and the materials being used, so that the construction type is classified and recorded in accordance with the applicable codes and standards and the policies of the jurisdiction.							
<b>CONDITIONS:</b> Given field observations or description of the project and materials being used to classify and record the construction type in accordance with applicable codes, standards, and policies of the jurisdiction.							
<b>PERFORMANCE OUTCOME:</b> Candidate will verify the type of construction for an addition or remodeling project.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Make field observations and review plans of an addition or remodel project	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Verify the construction type of the addition or remodel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Determine if materials being used meet applicable codes and standards for the type of construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Record construction type according to the policies of the jurisdiction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Candidate Stop Safety: Yes <input type="checkbox"/>				Equipment Stop Safety: Yes <input type="checkbox"/>			

Evaluator/Candidate Comments \_\_\_\_\_

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## FIRE INSPECTOR I

Candidate Name \_\_\_\_\_ Skill Sheet 11

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1031, 2014 Edition		<b>JPR:</b> 4.3.5		<b>SKILL AREA:</b> Field Inspection: <b>Fixed Fire Suppression Systems</b>			
<b>TASK:</b> Determine the operational readiness of existing fixed fire suppression systems, given test documentation and field observations, so that the system(s) is in an operational state, maintenance is documented, and all deficiencies are identified, documented, and reported in accordance with the policies of the jurisdiction.						<b>CONDITIONS:</b> Given test documentation and field observations.	
<b>PERFORMANCE OUTCOME:</b> Candidate will demonstrate the ability to observe, make decisions, recognize problems, and read reports.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Determine the operational readiness of fixed fire suppression systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Verify that the test reports of fire suppression systems is current, properly documented and meets the requirements of the codes and standards of the jurisdiction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Document deficiencies according to the policies of the jurisdiction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Properly report the findings of the inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Candidate Stop Safety: Yes <input type="checkbox"/>				Equipment Stop Safety: Yes <input type="checkbox"/>			

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## FIRE INSPECTOR I

Candidate Name \_\_\_\_\_ Skill Sheet 12

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1031, 2014 Edition	<b>JPR:</b> 4.3.6	<b>SKILL AREA:</b> Field Inspection: <b>Fire Detection and Alarm Systems</b>			
<b>TASK:</b> Determine the operational readiness of existing fire detection and alarm systems, given test documentation and field observations, so that the systems are in an operational state, maintenance is documented, and all deficiencies are identified, documented, and reported in accordance with applicable codes and standards and the policies of the jurisdiction.					
<b>CONDITIONS:</b> Given test documentation and field observations.					
<b>PERFORMANCE OUTCOME:</b> Candidate will demonstrate the ability to observe, make decisions, recognize problems, and read reports.					
No.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Determine the operational readiness of detection/alarm systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Verify that the test reports of fire detection and alarm systems is current, properly documented and meets the requirements of the codes and standards of the jurisdiction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Document deficiencies according to the policies of the jurisdiction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Properly report the findings of the inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Candidate Stop Safety:</b> Yes <input type="checkbox"/>			<b>Equipment Stop Safety:</b> Yes <input type="checkbox"/>		

**Evaluator/Candidate Comments** \_\_\_\_\_  
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## FIRE INSPECTOR I

Candidate Name \_\_\_\_\_ Skill Sheet 13

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1031, 2014 Edition		<b>JPR:</b> 4.3.7		<b>SKILL AREA:</b> Field Inspection: <b>Portable Fire Extinguishers</b>			
<b>TASK:</b> Determine the operational readiness of existing portable fire extinguishers, given field observations and test documentation, so that the equipment is in an operational state, maintenance is documented, and all deficiencies are identified, documented, and reported in accordance with the policies of the jurisdiction.							
<b>CONDITIONS:</b> Given test documentation and field observations.							
<b>PERFORMANCE OUTCOME:</b> Candidate will demonstrate the ability to observe, make decisions, recognize problems, and read reports.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Determine operational readiness of portable fire extinguishers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Verify that the test results of portable fire extinguishers is current, properly documented and meets the requirements of the codes and standards of the jurisdiction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Document deficiencies according to the policies of the jurisdiction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Properly report the findings of the inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Candidate Stop Safety:</b> Yes <input type="checkbox"/>				<b>Equipment Stop Safety:</b> Yes <input type="checkbox"/>			

**Evaluator/Candidate Comments** \_\_\_\_\_

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## FIRE INSPECTOR I

Candidate Name \_\_\_\_\_ Skill Sheet 14

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1031, 2014 Edition		<b>JPR:</b> 4.3.8		<b>SKILL AREA:</b> Field Inspection: <b>Hazardous Conditions</b>			
<b>TASK:</b> Recognize hazardous conditions involving equipment, processes, and operations given field observations, so that the equipment, processes, or operations are conducted and maintained in accordance with applicable codes and standards and all deficiencies are identified, documented and reported in accordance with the applicable codes and standards and the policies of the jurisdiction.							
<b>CONDITIONS:</b> Given field observations and the applicable codes and standards and policies of the jurisdiction, and a scenario using one of the following processes or operations: dust collection; kitchen hood and duct system; dip tank operation; welding operation, spray painting operation; or flammable or flammable liquids storage.							
<b>PERFORMANCE OUTCOME:</b> The candidate will demonstrate the ability to observe, recognize problems and make decisions regarding hazardous conditions involving equipment, processes and operations.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Identify the hazardous conditions related to equipment, process or operation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Determine compliance of the equipment, process or operation with the codes and standards and policies of the jurisdiction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Document deficiencies according to the policies of the jurisdiction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Properly report the findings of the inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Candidate Stop Safety: Yes <input type="checkbox"/>				Equipment Stop Safety: Yes <input type="checkbox"/>			

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## FIRE INSPECTOR I

**Candidate Name** \_\_\_\_\_ **Skill Sheet** 15

**IFSAC ID** \_\_\_\_\_ **Date** \_\_\_\_\_

<b>NFPA STANDARD:</b> 1031, 2014 Edition		<b>JPR:</b> 4.3.9		<b>SKILL AREA:</b> Field Inspection: <b>Approved Plans</b>			
<b>TASK:</b> Compare an approved plan to an installed 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 and standards of the policies of the jurisdiction.							
<b>CONDITIONS:</b> Given approved plans and field observations, using applicable codes, standards, policies of the jurisdiction.							
<b>PERFORMANCE OUTCOME:</b> Candidate will demonstrate the ability to read plans, recognize problems, make decisions and apply the codes and standards of the jurisdiction.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Compare the observations made of an existing fire protection system with the approved plan of the system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Determine if modifications were made to the fire protection system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Determine the level of compliance of the existing fire protection system with the applicable codes and standards and policies of the jurisdiction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Document deficiencies according to the policies of the jurisdiction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5.	Properly report the findings of the inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Candidate Stop Safety:</b> Yes <input type="checkbox"/>			<b>Equipment Stop Safety:</b> Yes <input type="checkbox"/>				

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**FIRE INSPECTOR I**

Candidate Name \_\_\_\_\_ Skill Sheet 16

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1031, 2014 Edition		<b>JPR:</b> 4.3.10		<b>SKILL AREA:</b> Field Inspection: <b>Emergency Planning &amp; Preparedness</b>			
<b>TASK:</b> Verify that emergency planning and preparedness measures are in place and have been practiced, given field observations, copies of emergency plans, and records of exercises, so that plans are prepared and exercises have been performed in accordance with applicable codes and standards and all deficiencies are identified, documented, and reported in accordance with applicable codes and standards and the policies of the jurisdiction.							
<b>CONDITIONS:</b> Given emergency plans, field observations, documentation of practice/training exercises of emergency plan, and applicable codes and standards and policies of the jurisdiction.							
<b>PERFORMANCE OUTCOME:</b> Candidate will demonstrate the ability to identify the emergency evacuation requirements contained in the applicable codes and standards of the jurisdiction, and interpret plans and reports.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Verify that an emergency/preparedness plan is in place	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Review written plan as it applies to the codes and standards of the jurisdiction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Review documentation of emergency plan exercises	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Use field observations to confirm emergency preparedness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5.	Identify and document deficiencies in the emergency plan according to the applicable codes and standards and policies of the jurisdiction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6.	Properly report the findings of the inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
7.	Determine that deficiencies have been corrected	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Candidate Stop Safety: Yes <input type="checkbox"/>				Equipment Stop Safety: Yes <input type="checkbox"/>			

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## FIRE INSPECTOR I

Candidate Name \_\_\_\_\_ Skill Sheet 17

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1031, 2014 Edition		<b>JPR:</b> 4.3.11		<b>SKILL AREA:</b> Field Inspection: <b>Emergency Access</b>			
<b>TASK:</b> Inspect emergency access for an existing site, given field observations, so that the required access for emergency responders is maintained and that deficiencies are identified, documented, and corrected in accordance with the applicable codes, standards, and policies of the jurisdiction.							
<b>CONDITIONS:</b> Given field observations, using applicable codes, standards, policies, procedures, forms, and approved site plans.							
<b>PERFORMANCE OUTCOME:</b> The candidate will demonstrate the ability to identify the emergency access requirements contained in the applicable codes and standards, observe, make decisions, and use measuring tools.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Identify emergency access requirements for a given location	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Inspect the site for compliance with the codes and standards and policies of the jurisdiction using the approved plans and measuring tools	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Document deficiencies according to the policies of the jurisdiction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Properly report the findings of the inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5.	Determine that deficiencies have been corrected	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Candidate Stop Safety:</b> Yes <input type="checkbox"/>			<b>Equipment Stop Safety:</b> Yes <input type="checkbox"/>				

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## FIRE INSPECTOR I

Candidate Name \_\_\_\_\_ Skill Sheet 18

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1031, 2014 Edition	<b>JPR:</b> 4.3.12	<b>SKILL AREA:</b> Field Inspection: <b>Flammable, Combustible Liquids &amp; Gases</b>			
<b>TASK:</b> Verify code compliance for incidental storage, handling, and use of flammable and combustible liquids and gases, given field observations and inspection guidelines from the authority having jurisdiction, so that applicable codes and standards are addressed and all deficiencies are identified, documented, and reported in accordance with the policies of the jurisdiction.					
<b>CONDITIONS:</b> Given field observations, and applicable codes and standards and policies of the jurisdiction.					
<b>PERFORMANCE OUTCOME:</b> Candidate will demonstrate the ability to observe, communicate, interpret codes, recognize problems, and make decisions.					
No.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Verify code compliance for storage, handling, and use of flammable and combustible liquids	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Verify code compliance for storage, handling, and use of flammable and combustible gases	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Identify codes, standards, and policies of the jurisdiction to determine compliance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Identify, document, and report deficiencies according to codes, standards, and policies of the jurisdiction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Candidate Stop Safety:</b> Yes <input type="checkbox"/>			<b>Equipment Stop Safety:</b> Yes <input type="checkbox"/>		

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## FIRE INSPECTOR I

Candidate Name \_\_\_\_\_ Skill Sheet 19

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1031, 2014 Edition		<b>JPR:</b> 4.3.13		<b>SKILL AREA:</b> Field Inspection: <b>Hazardous Materials</b>			
<b>TASK:</b> Verify code compliance for incidental storage, handling, and use of hazardous materials, given field observations, so that applicable codes and standards for each hazardous material encountered are properly addressed and all deficiencies are identified, documented, and reported in accordance with the policies of the jurisdiction.						<b>CONDITIONS:</b> Given field observations, policies of the jurisdiction, and applicable codes and standards.	
<b>PERFORMANCE OUTCOME:</b> Candidate will demonstrate the ability to observe, communicate, interpret codes, recognize problems, and make decisions.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Verify code compliance for storage, handling, and use of hazardous materials	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Identify codes, standards and policies of the jurisdiction to determine code compliance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Identify, document, and report deficiencies according to codes, standards, and policies of the jurisdiction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Candidate Stop Safety:</b> Yes <input type="checkbox"/>			<b>Equipment Stop Safety:</b> Yes <input type="checkbox"/>				

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## FIRE INSPECTOR I

Candidate Name \_\_\_\_\_ Skill Sheet 20

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1031, 2014 Edition		<b>JPR:</b> 4.3.14		<b>SKILL AREA:</b> Field Inspection: <b>Fire Growth</b>			
<b>TASK:</b> Recognize a hazardous fire growth potential in a building or space, given field observations, so that the hazardous conditions are identified, documented, and reported in accordance with applicable codes and standards and policies of the jurisdiction.							
<b>CONDITIONS:</b> Given a scenario, field observations, applicable codes and standards and policies of the jurisdiction.							
<b>PERFORMANCE OUTCOME:</b> Candidate will demonstrate the ability to observe, communicate, interpret codes, recognize hazardous conditions, and make decisions.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Recognize a condition in the course of an inspection that presents a fire hazard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Identify the codes and standards and policies of the jurisdiction that applies to the hazardous conditions found	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Document the hazardous conditions in accordance with the policies of the jurisdiction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Properly report the findings of the inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Candidate Stop Safety: Yes <input type="checkbox"/>				Equipment Stop Safety: Yes <input type="checkbox"/>			

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## FIRE INSPECTOR I

Candidate Name \_\_\_\_\_ Skill Sheet 21

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1031, 2014 Edition		<b>JPR:</b> 4.3.15		<b>SKILL AREA:</b> Field Inspection: <b>Code Compliance</b>			
<b>TASK:</b> Determine code compliance, given the codes, standards, and policies of the jurisdiction and a fire protection issue, so that the applicable codes, standards, and policies are identified and compliance determined.							
<b>CONDITIONS:</b> Given a fire safety issue and provided with the codes and standards and policies of the jurisdiction.							
<b>PERFORMANCE OUTCOME:</b> Candidate will demonstrate the ability to observe, communicate, interpret codes, recognize hazardous conditions, and make decisions.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Determine that a fire protection issue exists	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Identify the codes and standards and policies of the jurisdiction that apply to the fire protection issue	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Determine if the fire protection issue is in compliance with the codes and standards and policies of the jurisdiction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Document deficiencies in accordance with the policies of the jurisdiction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5.	Properly report the findings of the inspection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Candidate Stop Safety: Yes <input type="checkbox"/>				Equipment Stop Safety: Yes <input type="checkbox"/>			

Evaluator/Candidate Comments \_\_\_\_\_

Retest Approved by \_\_\_\_\_

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Evaluator (Print & Sign)

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Candidate Signature

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Date

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Retest Evaluator (Print & Sign)

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Candidate Signature

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Date



**FIRE PROTECTION BUREAU  
FIRE SERVICE CERTIFICATION  
PO Box 42642  
Olympia WA 98504-2642  
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## FIRE INSPECTOR I

Candidate Name \_\_\_\_\_ Skill Sheet 22

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1031, 2014 Edition		<b>JPR:</b> 4.3.16		<b>SKILL AREA:</b> Field Inspection: <b>Required Fire Flows</b>			
<b>TASK:</b> Verify fire flows for a site so that required fire flows are in accordance with applicable codes and standards and all deficiencies are identified, documented, and reported in accordance with the codes and standards and policies of the jurisdiction.							
<b>CONDITIONS:</b> Given fire flow test results and water supply data, Universal Water Flow Test Summary Sheet (p. 333 7 <sup>th</sup> Edition IFSTA Fire Inspection and Code Enforcement), codes, standards, and policies of the jurisdiction.							
<b>PERFORMANCE OUTCOME:</b> The candidate shall verify fire flows for a given site, determine flow available at the desired residual pressure, and document the results.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Demonstrate the use of a Pitot tube and gauge to conduct a fire flow tests	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Compute Fire Flow test results by mathematical computation:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	a. Determine (h r) factor (pressure drop to residual pressure) according to table provided	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	b. Determine (h f) factor (pressure drop during test) according to table provided	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	c. Multiply (Q f) (flow during test) by correct (h r) factor from table	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	d. Divide figure determined from line 3 by correct (h f) factor from table provided= Qr	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	e. Qr (flow available at desired residual pressure) determined correctly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	f. Document and report any deficiencies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	g. Read the gpm available at 20 psi (140 kPa) and record the figure (reading represents total available water that can be relied upon)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	h. Identify deficiencies; document and report in accordance with policies and procedures of the jurisdiction.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Candidate Stop Safety: Yes <input type="checkbox"/>				Equipment Stop Safety: Yes <input type="checkbox"/>			

Evaluator/Candidate Comments \_\_\_\_\_

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Retest Approved by \_\_\_\_\_

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Evaluator (Print & Sign)

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Candidate Signature

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Date

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Retest Evaluator (Print & Sign)

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Candidate Signature

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Date





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**FIRE INSPECTOR I**

**Candidate Name** \_\_\_\_\_ **Skill Sheet** 23

**IFSAC ID** \_\_\_\_\_ **Date** \_\_\_\_\_

<b>NFPA STANDARD:</b> 1031, 2014 Edition		<b>JPR:</b> 4.3.16		<b>SKILL AREA:</b> Field Inspection: <b>Fire Flows Using Pitot Tube Calculations</b>			
<b>TASK:</b> Verify fire flows for a site so that required fire flows are in accordance with applicable codes and standards and all deficiencies are identified, documented, and reported in accordance with the policies of the jurisdiction.							
<b>CONDITIONS:</b> Given fire flow test results and water supply data, Uniform Flow Test Summary Sheet (page 329 7 <sup>th</sup> Edition IFSTA Fire Inspection and Code Enforcement) and codes and standards and policies of the jurisdiction.							
<b>PERFORMANCE OUTCOME:</b> The candidate shall verify fire flows for a given site and determine flow available at the desired residual pressure, and document results.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Demonstrate the use of a Pitot tube and gauge to conduct a fire flow test	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Compute Fire Flow test results thru graphical analysis:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	a. Determine which GPM (L/min) scale should be used	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	b. Locate and plot the static pressure on the vertical scale at 0 GPM (L/min)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	c. Locate the total water flow measured during the test on the chart	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	d. Locate the residual pressure noted during the test on the chart	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	e. Draw a straight line from the static pressure point through the residual pressure point on the water-flow scale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	f. Read the GPM (L/min) at 20 psi (137 kPa) and record the figure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Candidate Stop Safety:</b> Yes <input type="checkbox"/>				<b>Equipment Stop Safety:</b> Yes <input type="checkbox"/>			

**Evaluator/Candidate Comments** \_\_\_\_\_

**Retest Approved by** \_\_\_\_\_

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**Evaluator (Print & Sign)**

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**Candidate Signature**

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**Date**

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**Retest Evaluator (Print & Sign)**

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**Candidate Signature**

\_\_\_\_\_  
**Date**