



**Standardized Curriculum Form  
Ontario, Canada**

**Office of the Fire Marshal and Emergency Management  
Curriculum based on  
NFPA 1031, Chapter 4, 2014 Edition**

**FIRE INSPECTOR I**

**National Fire Protection Association Standard for  
Fire Inspector and Plan Examiner Professional Qualifications**

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## Components of the OFMEM Academic Standards and Evaluation Unit Standardized Curriculum Form

The OFMEM Academic Standards and Evaluation Unit Standardized Curriculum Forms in Ontario, Canada, are based on internationally-recognized, competency-based, professional qualification standards through the National Fire Protection Association (NFPA). Columns within this form from pages 4 and onward are composed of:

### NFPA Objective

National Fire Protection Association Objectives are major competencies and Job Performance Requirements (JPR) within a professional qualifications standard that learners must acquire before successful completion of voluntary testing and certification. To attain these competencies, the OFMEM is offering flexible training delivery models centered on being accessible, attainable, and affordable.

### Requisite Knowledge

As defined in published NFPA Professional Qualifications Standards, Requisite Knowledge is “Fundamental knowledge one must have in order to perform a specific task”. This can be acquired by referring to the various suggested readings described below. Information used to construct multiple choice test questions in the Provincial Certification Exam for FIRE INSPECTOR I is derived from these materials.

### Requisite Skills

As defined in published NFPA Professional Qualifications Standards, Requisite Skills are “The essential skills one must have in order to perform a specific task”. This can be acquired by referring to the various suggested readings described below along with the latest version of the Office of the Fire Marshal and Emergency Management’s Skills Sheets Booklet for FIRE INSPECTOR I. This booklet is used by Provincial Examiners to evaluate Requisite Skill requirements for those voluntarily seeking certification to NFPA 1031, Chapter 4, 2014 Edition.

### Suggested Readings

A total of 100 multiple choice questions in the Provincial Certification Exam for FIRE INSPECTOR I (NFPA 1031-2014) will appear on the test, and are derived from the following suggested readings:

| <u>Publisher/Title/Edition</u>   | <u>Key Word Reference</u>       |
|--|---------------------------------|
| 1. NFPA 1031, <i>Standard for Professional Qualifications for Fire Inspector and Plan Examiner</i> , 2014 Edition <ul style="list-style-type: none"><li>Refer to Chapter 4 regarding Fire Inspector I (pgs. 8 - 10)</li></ul>                                | NFPA 1031, 2014 Ed.             |
| 2. IFSTA, <i>Fire Inspection and Code Enforcement</i> , 8 <sup>th</sup> Edition <ul style="list-style-type: none"><li>Refer to sections within chapters covering Fire Inspector I material</li></ul>   | IFSTA FICE, 8 <sup>th</sup> Ed. |
| <b>OR</b>  |                                 |
| 3. Jones and Bartlett, <i>Fire Inspector, Principles and Practice</i> , 1 <sup>st</sup> Edition <ul style="list-style-type: none"><li>Refer to sections within chapters covering Fire Inspector I material</li></ul>   | J&B FIPP, 1 <sup>st</sup> Ed.   |
| <b>AND</b>   |                                 |
| 4. <i>Fire Protection and Prevention Act, 1997</i> (within 2015 Ontario Fire Code Compendium) <ul style="list-style-type: none"><li>Refer to Part VI - Inspections (pgs. 19 - 25)</li></ul>  | FPPA, 1997                      |
| 5. <i>2015 Ontario Fire Code Compendium</i> <ul style="list-style-type: none"><li>Refer to Division A - Part 1 (pgs. 79 - 89); Division B - Part 2 (pgs. 113 - 134), Part 3 (pgs. 135 - 150), Part 4 (pgs. 151 - 211), and Part 6 (pgs. 247 - 269)</li></ul> | Fire Code, 2015                 |
| 6. <i>2012 Ontario Building Code Compendium</i> <ul style="list-style-type: none"><li>Refer to Division B - Part 3, Sections 3.2 to 3.4 (pgs. 39 - 157)</li></ul>  | Building Code, 2012             |

### Knowledge Test Weighting (Out of 100%)

This column references percentage of multiple choice questions that will appear on the Provincial Certification Exam for knowledge-based testing for FIRE INSPECTOR I.

Questions are validated by a Provincial Advisory Committee (PAC), and used for voluntary, knowledge-based testing of those seeking certification to NFPA 1031, Chapter 4, 2014 Edition through the Academic Standards and Evaluation Unit of the Office of the Fire Marshal and Emergency Management. A mark of 70% or better is required to receive a “Pass” on the knowledge test.

### Skill Sheet #

This column references skill objectives that will be evaluated by the Office of the Fire Marshal and Emergency Management, to test Requisite Skill requirements of FIRE INSPECTOR I for those voluntarily seeking certification to NFPA 1031, Chapter 4, 2014 Edition.

**Office of the Fire Marshal and Emergency Management  
Provincial Advisory Committee for FIRE INSPECTOR I**

**NFPA 1031, Chapter 4, 2014 Edition**

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# OFMEM Academic Standards and Evaluation Unit Standardized Curriculum Form



**Course: FIRE INSPECTOR I**

**Standard: NFPA 1031, Chapter 4, 2014 Edition**

| NFPA Objective   | Requisite Knowledge  | Requisite Skills   | Suggested Readings   | Knowledge Test Weighting | Skill Sheet #         |
|--|--|--|--|--------------------------|-----------------------|
| <b>4.1* General</b>  |  |  |  |                          |                       |
| The Fire Inspector I shall meet the job performance requirements defined in Sections 4.2 through 4.4. In addition, the Fire Inspector I shall meet the requirements of Section 4.2 of NFPA 472.  |  |  |  |                          |                       |
| <b>4.2* Administration</b>   |  |  |  |                          |                       |
| This duty involves the preparation of correspondence and inspection reports, handling of complaints, and maintenance of records, as well as participation in legal proceedings and maintenance of open dialogue with the plan examiner and emergency response personnel according to the following job performance requirements. |  |  |  |                          |                       |
| <b>4.2.1</b>   |  |  |  |                          |                       |
| Prepare inspection reports, given agency policy and procedures, and observations from an assigned field inspection.  | Applicable codes and standards adopted by the jurisdiction | The ability to conduct a field inspection                                  | <b>IFSTA FICE, 8<sup>th</sup> Ed.<br/>Chapter 16</b><br><br><b>J&amp;B FIPP, 1<sup>st</sup> Ed.<br/>Chapters 5, 13</b> | <b>7% of questions</b>   | <b>Skill Sheet #1</b> |
|  | Policies of the jurisdiction                               | The ability to apply codes and standards                                   |  |                          |                       |
|  |  | The ability to communicate orally<br>The ability to communicate in writing |  |                          |                       |
| <b>4.2.2</b>   |  |  |  |                          |                       |
| Recognize the need for a permit, given a situation or condition.   | Permit policies of the jurisdiction                        | The ability to communicate orally  | <b>IFSTA FICE, 8<sup>th</sup> Ed.<br/>Chapter 2</b>  | <b>1% of questions</b>   | <b>Skill Sheet #2</b> |
|  | The rationale for the permit                               | The ability to communicate in writing                                      |  |                          |                       |



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| NFPA Objective   | Requisite Knowledge   | Requisite Skills   | Suggested Readings                                | Knowledge Test Weighting | Skill Sheet #  |
|--|---|--|---|--------------------------|----------------|
|  |   |  | J&B FIPP, 1 <sup>st</sup> Ed.<br>Chapter 1        |                          |                |
| <b>4.2.3</b>   |   |  |   |                          |                |
| Recognize the need for plan review, given a situation or condition.  | Plan review policies of the jurisdiction                                | The ability to communicate orally                                      | IFSTA FICE, 8 <sup>th</sup> Ed.<br>Chapter 15     | 3% of questions          | Skill Sheet #3 |
|  | The rationale for the plan review                                       | The ability to communicate in writing                                  | J&B FIPP, 1 <sup>st</sup> Ed.<br>Chapter 6        |                          |                |
| <b>4.2.4</b>   |   |  |   |                          |                |
| Investigate common complaints, given a reported situation or condition.  | Applicable codes and standards adopted by the jurisdiction              | The ability to apply codes and standards                               | IFSTA FICE, 8 <sup>th</sup> Ed.<br>Chapters 2, 16 | 5% of questions          | Skill Sheet #4 |
|  | Policies of the jurisdiction  | The ability to communicate orally                                      | J&B FIPP, 1 <sup>st</sup> Ed.<br>Chapter 5        |                          |                |
|  |   | The ability to communicate in writing                                  |   |                          |                |
|  |   | The ability to recognize problems<br>The ability to resolve complaints |   |                          |                |
| <b>4.2.5</b>   |   |  |   |                          |                |
| Identify the applicable code or standard, given a fire protection, fire prevention, or life safety issue.                      | Applicable codes and standards adopted by the jurisdiction              | The ability to apply codes and standards                               | IFSTA FICE, 8 <sup>th</sup> Ed.<br>Chapter 2      | 1% of questions          | Skill Sheet #5 |
|  |   |  | J&B FIPP, 1 <sup>st</sup> Ed.<br>Chapter 14       |                          |                |
| <b>4.2.6</b>   |   |  |   |                          |                |
| Participate in legal proceedings, given the findings of a field inspection or a complaint and consultation with legal counsel. | The legal requirements pertaining to evidence rules in the legal system | The ability to maintain a professional courtroom demeanor              | IFSTA FICE, 8 <sup>th</sup> Ed.<br>Chapter 1      | 6% of questions          | Skill Sheet #6 |
|  | Types of legal proceedings  | The ability to communicate   | J&B FIPP, 1 <sup>st</sup> Ed.<br>Chapter 14       |                          |                |
|  |   | The ability listen   | FPPA, 1997<br>Part VI                             |                          |                |
|  |   | The ability to differentiate facts from opinions                       |   |                          |                |
| <b>4.3 Field Inspection</b>  |   |  |   |                          |                |
| This duty involves fire safety inspections of new and existing structures and properties for                                   |   |  |   |                          |                |



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| NFPA Objective   | Requisite Knowledge  | Requisite Skills  | Suggested Readings   | Knowledge Test Weighting | Skill Sheet #         |
|--|--|---|--|--------------------------|-----------------------|
| construction, occupancy, fire protection, and exposures, according to the following job performance requirements.                |  |   |  |                          |                       |
| <b>4.3.1</b>   |  |   |  |                          |                       |
| Identify the occupancy classification of a single-use occupancy, given a description of the occupancy and its use.               | Occupancy classification types   | The ability to make observations  | <b>IFSTA FICE, 8<sup>th</sup> Ed.</b><br><b>Chapters 4, 6</b><br><br><b>J&amp;B FIPP, 1<sup>st</sup> Ed.</b><br><b>Chapters 3, 5</b><br><br><b>Fire Code, 2015</b><br><b>Division A - Part 1</b><br><br><b>Building Code, 2012</b><br><b>Division B - Part 3</b> | <b>6% of questions</b>   | <b>Skill Sheet #7</b> |
|  | Applicable codes, regulations, and standards adopted by the jurisdiction                       | The ability to make correct decisions                                   |  |                          |                       |
|  | Operational features   |   |  |                          |                       |
|  | Fire hazards presented by various occupancies  |   |  |                          |                       |
| <b>4.3.2</b>   |  |   |  |                          |                       |
| Compute the allowable occupant load of a single-use occupancy or portion thereof, given a detailed description of the occupancy. | Occupancy classification   | The ability to calculate occupant loads                                 | <b>IFSTA FICE, 8<sup>th</sup> Ed.</b><br><b>Chapter 7</b><br><br><b>J&amp;B FIPP, 1<sup>st</sup> Ed.</b><br><b>Chapters 3, 7</b><br><br><b>Fire Code, 2015</b><br><b>Division B - Part 2</b>   | <b>4% of questions</b>   | <b>Skill Sheet #8</b> |
|  | Applicable codes, regulations, and standards adopted by the jurisdiction                       | Identify occupancy factors related to various occupancy classifications |  |                          |                       |
|  | Regulations and standards adopted by the jurisdiction  | Use measuring tools   |  |                          |                       |
|  | Operational features   | Make field sketches   |  |                          |                       |
|  | Fire hazards presented by various occupancies  |   |  |                          |                       |
|  | Occupant load factors  |   |  |                          |                       |
| <b>4.3.3</b>   |  |   |  |                          |                       |
| Inspect means of egress elements, given observations made during a field inspection of an existing building.                     | Applicable codes and standards adopted by the jurisdiction related to means of egress elements | The ability to observe and recognize problems                           | <b>IFSTA FICE, 8<sup>th</sup> Ed.</b><br><b>Chapter 7</b><br><br><b>J&amp;B FIPP, 1<sup>st</sup> Ed.</b><br><b>Chapter 7</b><br><br><b>Fire Code, 2015</b><br><b>Division B - Part 2</b>   | <b>6% of questions</b>   | <b>Skill Sheet #9</b> |
|  | Maintenance requirements of egress elements  | Calculate   |  |                          |                       |
|  | Types of construction  | Make basic decisions related to the means of egress                     |  |                          |                       |
|  | Occupancy egress requirements  | Use measuring tools   |  |                          |                       |
|  | Relationship of fixed fire protection systems to   | Make field sketches   |  |                          |                       |



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| NFPA Objective  | Requisite Knowledge  | Requisite Skills                         | Suggested Readings   | Knowledge Test Weighting | Skill Sheet #          |
|---|--|--|--|--------------------------|------------------------|
|   | egress requirements and to approved means of egress elements, including, but not limited to, doors, hardware, and lights |  | <b>Building Code, 2012<br/>Division B - Part 3</b>   |                          |                        |
| <b>4.3.4</b>  |  |  |  |                          |                        |
| Verify the type of construction for an addition or remodeling project, given field observations or a description of the project and the materials being used. | Applicable codes and standards adopted by the jurisdiction   | The ability to read plans                | <b>IFSTA FICE, 8<sup>th</sup> Ed.<br/>Chapters 4, 5, 6</b><br><br><b>J&amp;B, FIPP, 1<sup>st</sup> Ed.<br/>Chapters 2, 5</b>   | <b>6% of questions</b>   | <b>Skill Sheet #10</b> |
|   | Types of construction  | The ability to make decisions            |  |                          |                        |
|   | Rated construction components  | The ability to apply codes and standards |  |                          |                        |
|   | Accepted building construction methods   |  |  |                          |                        |
|   | Accepted building construction materials   |  |  |                          |                        |
| <b>4.3.5</b>  |  |  |  |                          |                        |
| Determine the operational readiness of existing fixed fire suppression systems, given test documentation and field observations.                              | A basic understanding of the components and operation of fixed fire suppression systems                                  | The ability to observe                   | <b>IFSTA FICE, 8<sup>th</sup> Ed.<br/>Chapters 12, 13</b><br><br><b>J&amp;B FIPP, 1<sup>st</sup> Ed.<br/>Chapter 9</b><br><br><b>Fire Code, 2015<br/>Division B - Part 6</b><br><br><b>Building Code, 2012<br/>Division B - Part 3</b> | <b>8% of questions</b>   | <b>Skill Sheet #11</b> |
|   | Applicable codes and standards   | The ability to make decisions            |  |                          |                        |
|   |  | The ability to recognize problems        |  |                          |                        |
|   |  | The ability to read reports              |  |                          |                        |
|   |  |  |  |                          |                        |
| <b>4.3.6</b>  |  |  |  |                          |                        |
| Determine the operational readiness of existing fire detection and alarm systems, given test documentation and field observations.                            | A basic understanding of the components and operation of fire detection and alarm systems and devices                    | The ability to observe                   | <b>IFSTA FICE, 8<sup>th</sup> Ed.<br/>Chapter 14</b><br><br><b>J&amp;B FIPP, 1<sup>st</sup> Ed.<br/>Chapter 8</b>  | <b>6% of questions</b>   | <b>Skill Sheet #12</b> |
|   | Applicable codes and standards   | The ability to make decisions            |  |                          |                        |
|   |  | The ability to recognize problems        |  |                          |                        |
|   |  | The ability to read reports              |  |                          |                        |
|   |  |  |  |                          |                        |
| <b>4.3.7</b>  |  |  |  |                          |                        |
| Determine the operational readiness of existing portable fire extinguishers, given field observations and test documentation.                                 | A basic understanding of portable fire extinguishers, including their components and placement                           | The ability to observe                   | <b>IFSTA FICE, 8<sup>th</sup> Ed.<br/>Chapter 13</b>   | <b>5% of questions</b>   | <b>Skill Sheet #13</b> |



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| NFPA Objective  | Requisite Knowledge  | Requisite Skills  | Suggested Readings                                   | Knowledge Test Weighting | Skill Sheet #   |
|---|--|---|--|--------------------------|-----------------|
|   | Applicable codes and standards   | The ability to make decisions<br>The ability to recognize problems<br>The ability to read reports             | J&B FIPP, 1 <sup>st</sup> Ed.<br>Chapter 10          |                          |                 |
| <b>4.3.8</b>  |  |   |  |                          |                 |
| Recognize hazardous conditions involving equipment, processes, and operations, given field observations.  | Practices and techniques of code compliance inspections  | The ability to observe  | IFSTA FICE, 8 <sup>th</sup> Ed.<br>Chapters 3, 9, 10 | 5% of questions          | Skill Sheet #14 |
|   | Fire behavior  | The ability to communicate  | J&B FIPP, 1 <sup>st</sup> Ed.<br>Chapters 11, 12, 13 |                          |                 |
|   | Fire prevention practices  | The ability to apply codes and standards  |  |                          |                 |
|   | Ignition sources   | The ability to recognize problems   |  |                          |                 |
|   | Safe housekeeping practices  | The ability to make decisions   |  |                          |                 |
|   | Classification of hazardous materials  |   |  |                          |                 |
| <b>4.3.9</b>  |  |   |  |                          |                 |
| Compare an approved plan to an existing fire protection system, given approved plans and field observations.  | Fire protection symbols  | The ability to read and comprehend plans for fire protection systems  | IFSTA FICE, 8 <sup>th</sup> Ed.<br>Chapter 15        | 2% of questions          | Skill Sheet #15 |
|   | Fire protection terminology  | The ability to observe  | J&B FIPP, 1 <sup>st</sup> Ed.<br>Chapter 9           |                          |                 |
|   |  | The ability to communicate  |  |                          |                 |
|   |  | The ability to apply codes and standards  |  |                          |                 |
|   |  | The ability to recognize problems   |  |                          |                 |
|   |  | The ability to make decisions   | Fire Code, 2015<br>Division B - Part 6               |                          |                 |
| <b>4.3.10</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. | Requirements relative to emergency evacuation drills that are required within the jurisdiction | The ability to identify the emergency evacuation requirements contained in the applicable codes and standards | IFSTA FICE, 8 <sup>th</sup> Ed.<br>Chapter 16        | 4% of questions          | Skill Sheet #16 |
|   | Ways to conduct and/or evaluate fire drills in various occupancies                             | Interpret plans   | J&B FIPP, 1 <sup>st</sup> Ed.<br>Chapter 7           |                          |                 |
|   | Human behavior during fires and other emergencies  | Interpret reports   |  |                          |                 |
| <b>4.3.11</b>   |  |   |  |                          |                 |
| Inspect emergency access for an existing site, given field observations.  | Applicable codes and standards   | The ability to identify the emergency access requirements contained in the applicable codes and standards     | IFSTA FICE, 8 <sup>th</sup> Ed.<br>Chapter 8         | 3% of questions          | Skill Sheet #17 |
|   | Policies of the jurisdiction   | The ability to observe  | J&B FIPP, 1 <sup>st</sup> Ed.                        |                          |                 |





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| NFPA Objective  | Requisite Knowledge   | Requisite Skills                              | Suggested Readings   | Knowledge Test Weighting | Skill Sheet #          |
|---|---|---|--|--------------------------|------------------------|
|   | Emergency access and accessibility requirements                                     | The ability to make decisions                 | <b>Chapters 5, 7</b>   |                          |                        |
|   |   | The ability to use measuring tools            |  |                          |                        |
| <b>4.3.12</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 AHJ. | Classification of incidental amounts of flammable and combustible liquids and gases | The ability to observe                        | <b>IFSTA FICE, 8<sup>th</sup> Ed.<br/>Chapter 9</b><br><br><b>J&amp;B FIPP, 1<sup>st</sup> Ed.<br/>Chapter 12</b><br><br><b>Fire Code, 2015<br/>Division B - Part 4</b>      | <b>6% of questions</b>   | <b>Skill Sheet #18</b> |
|   | Properties of incidental amounts of flammable and combustible liquids and gases     | The ability to communicate                    |  |                          |                        |
|   | Labeling of incidental amounts of flammable and combustible liquids and gases       | The ability to apply codes and standards      |  |                          |                        |
|   | Storage of incidental amounts of flammable and combustible liquids and gases        | The ability to recognize problems             |  |                          |                        |
|   | Handling of incidental amounts of flammable and combustible liquids and gases       | The ability to make decisions                 |  |                          |                        |
|   | Use of incidental amounts of flammable and combustible liquids and gases            |   |  |                          |                        |
| <b>4.3.13</b>   |   |   |  |                          |                        |
| Verify code compliance for incidental storage, handling and use of hazardous materials, given field observations.   | Classification of hazardous materials   | The ability to observe                        | <b>IFSTA FICE, 8<sup>th</sup> Ed.<br/>Chapters 9, 10</b><br><br><b>J&amp;B FIPP, 1<sup>st</sup> Ed.<br/>Chapter 12</b><br><br><b>Fire Code, 2015<br/>Division B - Part 2</b> | <b>3% of questions</b>   | <b>Skill Sheet #18</b> |
|   | Properties of hazardous materials   | The ability to communicate                    |  |                          |                        |
|   | Labeling of hazardous materials   | The ability to apply codes and standards      |  |                          |                        |
|   | Transportation of hazardous materials   | The ability to recognize problems             |  |                          |                        |
|   | Storage of hazardous materials  | The ability to make decisions                 |  |                          |                        |
|   | Use of hazardous materials  |   |  |                          |                        |
| <b>4.3.14</b>   |   |   |  |                          |                        |
| Recognize a hazardous fire growth potential in a building or space, given field observations.   | Basic fire behavior   | The ability to observe                        | <b>IFSTA FICE, 8<sup>th</sup> Ed.<br/>Chapters 3, 9</b><br><br><b>J&amp;B FIPP, 1<sup>st</sup> Ed.<br/>Chapters 4, 5</b><br><br><b>Fire Code, 2015</b>                       | <b>6% of questions</b>   | <b>Skill Sheet #19</b> |
|   | Flame spread and smoke development ratings of contents                              | The ability to communicate                    |  |                          |                        |
|   | Flame spread and smoke development ratings of interior finishes                     | The ability to apply codes and standards      |  |                          |                        |
|   | Flame spread and smoke development ratings of                                       | The ability to recognize hazardous conditions |  |                          |                        |



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| NFPA Objective   | Requisite Knowledge  | Requisite Skills                                | Suggested Readings   | Knowledge Test Weighting | Skill Sheet #          |
|--|--|---|--|--------------------------|------------------------|
|  | building construction elements   |   | <b>Division B - Part 2</b>   |                          |                        |
|  | Flame spread and smoke development ratings of decorations                    | The ability to make decisions                   |  |                          |                        |
|  | Flame spread and smoke development ratings of decorative materials           |   |  |                          |                        |
|  | Flame spread and smoke development ratings of furnishings                    |   |  |                          |                        |
|  | Safe housekeeping practices  |   |  |                          |                        |
| <b>4.3.15</b>  |  |   |  |                          |                        |
| Determine code compliance, given the codes, standards, and policies of the jurisdiction and a fire protection issue. | Basic fire behavior  | The ability to observe                          | <b>IFSTA FICE, 8<sup>th</sup> Ed.<br/>Chapter 9</b><br><br><b>J&amp;B FIPP, 1<sup>st</sup> Ed.<br/>Chapters 4, 5</b><br><br><b>Fire Code, 2015<br/>Division B - Part 3</b> | <b>3% of questions</b>   | <b>Skill Sheet #19</b> |
|  | Flame spread and smoke development ratings of contents                       | The ability to communicate                      |  |                          |                        |
|  | Flame spread and smoke development ratings of interior finishes              | The ability to apply codes and standards        |  |                          |                        |
|  | Flame spread and smoke development ratings of building construction elements | The ability to recognize hazardous conditions   |  |                          |                        |
|  | Flame spread and smoke development ratings of life safety systems            | The ability to make decisions                   |  |                          |                        |
|  | Flame spread and smoke development ratings of decorations                    |   |  |                          |                        |
|  | Flame spread and smoke development ratings of decorative materials           |   |  |                          |                        |
|  | Flame spread and smoke development ratings of furnishings                    |   |  |                          |                        |
|  | Safe housekeeping practices  |   |  |                          |                        |
| <b>4.3.16</b>  |  |   |  |                          |                        |
| Verify fire flows for a site, given fire flow test results and water supply data.                                    | Types of water distribution systems  | The ability to use pitot tubes                  | <b>IFSTA FICE, 8<sup>th</sup> Ed.<br/>Chapter 11</b><br><br><b>J&amp;B FIPP, 1<sup>st</sup> Ed.<br/>Chapter 9</b><br><br><b>Building Code, 2012</b>                        | <b>4% of questions</b>   | <b>Skill Sheet #20</b> |
|  | Types of other water sources in the local community                          | The ability to use gauges                       |  |                          |                        |
|  | Water distribution system testing  | The ability to use other data gathering devices |  |                          |                        |
|  | Characteristics of public and private water supply systems                   | Calculate and graph fire flow results           |  |                          |                        |
|  | Flow testing procedures  |   |  |                          |                        |



## OFMEM Academic Standards and Evaluation Unit Standardized Curriculum Form



| NFPA Objective   | Requisite Knowledge | Requisite Skills | Suggested Readings         | Knowledge Test Weighting | Skill Sheet # |
|--|---------------------|------------------|----------------------------|--------------------------|---------------|
|  |                     |                  | <b>Division B - Part 3</b> |                          |               |
| <b>4.4 Plans Review</b>  |                     |                  |                            |                          |               |
| There are no plan review job performance requirements for Fire Inspector I |                     |                  |                            |                          |               |