





## NFPA **CERTIFIED**



# FIRE INSPECTOR - 1





Face to Face Classroom Training



(4) 40 Hours Live Interactive Sessions

06 - 10 July 2025

08:30 - 16:30



Dubai - UAE

www.bijworld.com



### **Global Qualifications**

- ✓ Certified Fire Protection Specialist
- ✓ Public Fire and Life Safety Educator
- √ Associate Emergency Manager
- √ Associate Safety Professional
- ✓ Occupational Health and Safety Professional

### Terry has been internally recognised with qualifications from:

- 1.NFP A (National Fire Protection Association), USA
- 2.IAEM (International Association of Emergency Managers), USA
- 3.BCSP (Board of Safety Professionals), USA
- 4.OSHA (Occupational Safety and Health Administration), USA
- 5. Pro Board Accreditation, USA

Terry combines a unique background in education and emergency response with a passion for instruction. Terry has spent twenty-five years in emergency response, most of that as a trainer and instructor.

His knowledge of instructional methodology combined with formal education and experience as a 'boots on the ground' responder gives meaning to the response plans that he develops and delivers.

Terry has delivered interactive sessions in emergency response to hundreds of groups at the local, regional and national level across the US from Chicago to Texas and internationally in Qatar, Kuwait, UAE and Trinidad & Tobago and many more.

His work in Thermal Imaging instruction for emergency response was ground breaking. His goals are to give you tools that you not only can but will implement into your workplace every day.

His response planning and instructional experiences include fire fighting, hazardous materials response, mass casualty incidents, oil and gas industry, response to terrorist events and emergency medical response. Terry has had several articles published in trade journals and presents at international conferences and exhibitions.



## Certified Fire Inspector - 1 (CFI - 1) awarded by The National Fire Protection Association (NFPA)

The NFPA Fire Inspector Certification Program was created in response to repeated requests by local entities, state agencies, and national organizations for certification programs founded on the NFPA 1031, Standard for Professional Qualifications for Fire Inspector and Plan Examiner, and other applicable NFPA codes and standards.

The goal of the CFI - 1 program is to enhance professionalism within the fire inspection community, ensure a uniform, fair process for certification that is accessible to everyone who is eligible, ensure proficiency in the use of codes and standards, facilitate success for those seeking certification, promote professional development through continuous learning, recognize and provide evidence of competence as related to NFPA 1031, Standard for Professional Qualifications for Fire Inspector and Plan Examiner.

Studies have shown that individuals that attain International Certification are more likely to be recognized as an expert by their colleagues | gain great confidence in their abilities | improved job performance | have career advancement opportunities.

Certificate holders also receive an NFPA / CFI-I certificate that further highlights their accomplishment.

NFPA is a global self-funded nonprofit organization in USA, established in 1896, devoted to eliminating death, injury, property, and economic loss due to fire, electrical and related hazards. NFPA delivers information and knowledge through more than 300 consensus codes and standards, research, training, education, outreach and advocacy; and by partnering with others. NFPA membership totals more than 50,000 individuals around the world.



#### NFPA CFI - 1 Exam

**Duration: 4 Hours** 

No. of Questions: 100

Type of Questions: Multiple Choice

Type of Exam: Open Book Computer Based Test

Exam: (USD 499)

#### Important Notice

 You should bring only the approved, published, and copyrighted documents identified in this "Reference Set / Material" into the exam room. Photocopies of documents, additional pages with notations, and other test taking aids are not permitted. All materials taken into the exam room are subject to review by the proctor.

The NFPA Certified Fire Inspector - 1 examination is a four-hour functionally oriented exam. It is comprised of 100 multiple-choice questions. The examination is designed to evaluate your knowledge of fire inspection principles and code application skills at the level of fire inspector I (as defined in NFPA 1031). Experience indicates that the full four hours is needed to complete the examination. During the examination, you will interpret and apply code-related material in response to the selected test questions. As previously stated, pacing yourself and knowing the general layout and content of the NFPA codes and standards are very important to your strategy for success.

#### **Eligibility:**

A candidate for the CFI-I certification must have a high school diploma or the equivalent before being allowed to sit for the exam.

#### **Exam Registration:**

This examination can be taken later after the course and can be scheduled via the NFPA and Prometric test centres and can be done online.

https://www.nfpa.org/for-professionals/certification/cfi-i#exam

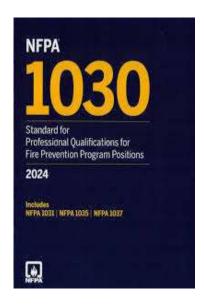
https://proscheduler.prometric.com/scheduling/searchAvailability

#### NFPA CFI - 1 Exam | Content Area Weightage

- 1: Administration (25%)
- 2: Fire Protection Systems & Equipment (30%)
- 3: Storage, Handling, & Use of Hazardous Substance and Materials (15%)
- 4: Occupancy Requirements (30%)



#### NFPA Certified Fire Inspector (CFI - 1) - "Reference Set/Materials"



Obtain materials needed for study purposes and to have present during the exam. The following list contains resources that may be used in preparing for and taking the exam. All exam questions are compatible with these code sets.

- 2021 NFPA Code Set:
- NFPA 1, Fire Code 2021 Ed.
- NFPA 13, Installation of Sprinkler Systems 2019 Ed.
- NFPA 25, Standard for the ITM of Water-Based Fire Protection Systems 2020 Ed.
- NFPA 72, National Fire Alarm Code® 2019 Ed.
- NFPA 101°, Life Safety Code° 2021 Ed.

These NFPA codes and standards have been conveniently packaged into "REFERENCE SET" and are available for delegates registering for the CFI-I exam at a discounted price of USD 394, only through NFPA Admin. & Support Services. Refer to the CFI-I application form to order these references. "Reference Set" needs to be ordered during the CFI - 1 Exam registration process to avail this special price.

#### **Review Reference Materials:**

It is not necessary to memorize the reference materials, but it is important to know what content is found in each of the referenced NFPA documents. For example, NFPA 1, Fire Code, covers all aspects of fire protection and prevention utilized in other NFPA codes and standards. Know the general format of the NFPA documents. Each NFPA document is laid out in the same way and divided into similar sections, beginning with administration and definitions, followed by the specific requirements in the code. Also, look for tables in the documents that summarize requirements. These tips will help you find specific information quickly during the exam.

#### **Case Studies:**

The case studies help guide the candidate through solving a problem by researching a code. The ability to look at a question or problem related to a code issue, identify the relevant code or standard, and then locate the correct answer is one of the most essential skills a fire inspector must develop. Try the activity on your own, and then look at the solution (defined responses) that is provided to see if you are on track. Follow the path through the codes until you can see how the problem was addressed and answered. During the exam, understanding this process will help you to identify the issue, and use code documents to answer the questions.

#### **Training Methodology**

- **Pre-Course Preparation:** 1.
  - Pre-course questionnaire needs to be filled and submitted by the attendees before the in-person training. This will help the trainer to format the training as per attendees' understanding level and specific requirements.
  - Pre-course materials and assignments will be provided by the trainer before the in-person training. b. Attendees need to study the material and submit the assignments before the in-person classroom.
- Real Time Classroom Training: This course is the direct presentation and assessment (face to face 2. training). A 5-day classroom immersion, with material presented as well as the tests in an STAR Hotel environment.
- Live Q&A round will be provided to interact with the trainer. Trainer will also be available post course to interact with the attendees.
- Videos & Exercises: Videos will be shown as a part of case studies. There will also be a few class exercises during the training.
- Comprehensive Learning Kit: Trainer will provide course materials during/after the training which will be 5. helpful for the attendees as the future reference in their continuous learning journey.

#### **Continuous Learning Validation Certificate:**

- This certificate will validate and certify the attendees' credibility shown in continuous learning.
- The attendees will receive soft copy of this certificate.
- It is mandatory to attend all the 5 days training to earn this certificate.









## Day 1

08:30 - Delegate Registration 09:00 - Welcome & Day Brief

#### Chapter 1: Duties and Authority

- 1. Admin Roles & Duties:
  - Building Inspection/Permit Approval/ Plans Review/Complaint Investigation
- 2. Codes and Standards:
  - Know and understand local, state and federal fire codes
  - Provide businesses in the jurisdiction with the latest codes
- 3. Application of Fire Codes and Standards:
  - Enforcement of codes through inspections
- 4. Chapter Quiz
  - To ensure understanding of materials covered

#### **Practical:**

- 1. Administrative duties
- Permits
- Plans Review
- Complaints
- Legal Proceedings

#### Chapter 2: Fire Dynamics

- 1. Fire Science, Thermal Energy, Fuel and Oxygen
- 2. Self-Sustained Chemical Reaction
- 3. Stages of Fire Department
  - Manner in which building construction and contents contribute to fire development and fire spread
- 4. Reaction of Building Construction to Fire
  - Effects of fire on buildings of different construction types
- 5. Chapter Quiz
  - To ensure understanding of materials covered

Case Study #1: Bicycle Manufacturing **Plant** 

Q & A - Day 1

#### **Practical Sheets Completion**

Assignment: Reference Set - find and read the section on the addition and remodeling inspection checklist.

16:30 - End of Day 1

10:00 - 10:15 | 15:00 - 15:15 Coffee Break 12: 30 - 13:30 Lunch Break



## **Chapter 3: Construction and Structural Systems**

- 1. Construction Materials
  - Compared to plans
  - Compared to standards
- 2. Construction Types
  - Effects on fire and smoke spread
  - Effects on egress
- 3. Structural Systems
- 4. Chapter Quiz
  - -To ensure understanding of materials

#### Chapter 4: Building Components and **Services**

- 1. Walls, Doors, Fire Doors and Windows
- 2. Stairs
- 3. Interior Finishes
- 4. Floors and Ceilings
- 5. Roofs
- 6. Evaluation of Building Components
- 7. Building Services
  - HVAC
  - Utilities
- 8. Chapter Quiz
  - To ensure understanding of materials

#### **Field Inspection Procedures**

- 1. Inspection of Additions and Remodelling
  - Construction Type & Materials
  - Ratings of Construction Components
  - Building Information and Changes

Case Study #2: Apartment Building

Q & A - Day 2

**Practical Sheets Completion** 

Assignment: Reference Set - find and read the section on the egress inspection checklist.

16:30 - End of Day 2

10:00 - 10:15 | 15:00 - 15:15 Coffee Break 12: 30 - 13:30 Lunch Break

#### Chapter 5: Occupancy Classifications

- 1. Applicable Codes and Standards
- 2. Single-Use Occupancy Classifications
- 3. Mixed-and Multiple-Use Occupancies
- 4. Chapter Quiz
  - -To ensure understanding of materials

#### **Chapter 6: Means of Egress**

- 1. Egress Elements
- 2. Accessory Components
- 3. Occupancy Loads
- 4. Multi-use Occupant Loads
- 5. Occupancy Egress Requirements
- 6. Chapter Quiz
  - To ensure understanding of materials

#### Field Inspection Procedures

- 1. Egress
  - Means of Egress
  - Doors
  - Exit signage and lighting

Case Study #3: Auto Sales Dealership

Q & A - Day 3

Assignment: Reference Set - locate and read the water-based sprinkler system inspection checklist.

16:30 - End of Day 3

10:00 - 10:15 | 15:00 - 15:15 Coffee Break

12: 30 - 13:30 Lunch Break







#### Chapter 7: Site Access

- 1. Fire Apparatus Access Roads and Fire Lanes
- 2. Barriers to Site Access
- 3. Chapter Quiz used to ensure understanding of materials covered

#### **Chapter 8: Fire Hazard Recognition**

- 1. Hazardous Conditions Involving Equipment
- 2. Hazardous Conditions Involving **Processes or Practices**
- 3. Hazardous Conditions involving **Operations**
- 4. Chapter Quiz
  - To ensure understanding of materials

#### Field Inspection

- 1. Water based sprinkler system inspection
  - Building information and construction type
  - Occupancy
  - Fire Protection System type
  - Sprinkler type and details
  - Water supply details

Case Study #4: Public Assembly

Q & A - Day 3 and Complete Practicals

Assignment: Reference Set - locate and read the alarm and detection checklist section.

16:30 - End of Day 4

10:00 - 10:15 | 15:00 - 15:15 Coffee Break

12: 30 - 13:30 Lunch Break





#### **Field Inspection**

- 1. Fire Alarm and Detection System
  - Construction type
  - Occupancy
  - Alarm system details
  - Detection system details



Completion of Practical's

#### Exam Review - CFI-1



**Practice Exam - Fire Inspector 1** 

Q & A - Day 1 - 5

**Course Evaluation** 

**BII World Participation Certification** 

16:30 - End of Day 5

10:00 - 10:15 | 15:00 - 15:15 Coffee Break













## CFI - 1 (Certified Fire Inspector - 1)

06 - 10 July 2025

**BII World Limited** 9616 45th Avenue Northwest, Edmonton, AB T6E 5Y9, Canada

Event Code: ME HS 04

Please complete this form and send it back to mithun.siddartha@biiworld.com

Delegate Details	
1. Name: Mr/Mrs/ Ms	
Job Title:	PAYMENT METHOD:  CREDIT CARD OR ONLINE PAYMENT  The secured payment link will be shared/sent
Job Title:	WIRE TRANSFER
Job Title:	Authorization and Acceptance of Sales Contract & Terms & Conditions  I hereby declare I am authorised to sign this contract and terms & conditions in the name of the company/organisation:
Company/Organisation Detail	Name:
Name:  Person to Contact:	Date:
Email:	Signature:
City:	
Contact No:  Type of Business:  Website:	1 Delegate Fee USD 2499 per delegate *  * (Training Fee Only)
FERMS & CONDITIONS	20 USD administration charge and any applicable withholding or any other tax or fee will be applied  5. Postponement of the event: In case BII World Ltd postpones the event to a new date, then client can choose any of the below

- 1. Payment terms: BII World LTD requires the full payment of the invoiced amount within 7 working days from the issue date of the invoice. BII World LTD reserves the right to refuse entry to any client who does not pay the invoice in full and on Ame. The registraAon fee includes: Training documentaAon and admission to all training sessions.
- CancellaÃon by client: The client has the right to cancel his/her parAcipaÃon in the event. CancellaÃon must be received by BII World LTD in wriĀng either by mail or fax. If the client cancels the event, he/she will get two opÃons:
  - A. CREDIT NOTE: Choose 2-year credit note, BII World LTD will send all the schedule training event details throughout the year. Delegate has the right to choose and aAend any of the training programs (valid 2 years).
  - B- NOMINATION: In this opÃon delegate can nominate/refer someone from his/her group/company to aÃend the parĀcular training program on behalf of the actual delegate.
- 3. CancellaÃon by BII World LTD: While every reasonable effort is made to adhere to the adverÃsed program, circumstances can arise which may cause changes in the program, including but not limited to changes in the content, date(s), or special features of the planned event. Such circumstances include but are not limited to acts of terrorism, war, extreme weather conditÃons, compliance with government requests, orders and legal requirements, failure of third-party suppliers to Āmely deliver, and failure to register the with government requests, orders and legal requirements, railure or tinit-party suppliers to Amely oeliver, and railure to register the minimum target number of aAendees for a given event. Bill World LTD reserves the right to change the content, date(s), and/ or special features of an event, to merge the event with another event, or to postpone it or cancel it enArely as appropriate under the circumstances. Client agrees that Bill World LTD shall not be liable for any cost, damage or expense which may be incurred by client as consequence of the event being so changed, merged, postponed or cancelled and client agrees to hold Bill World LTD harmless and to indemnify Bill World LTD in case of liability caused by any such changes, mergers, postponements or cancellaÃons.
- 4. CancellaÃon of the event: In case BII World LTD cancels an event, then client can choose any of the below menÃoned opÃons:
  - (a) BII World LTD will refund full payment to the client within 15 business days.
    (b) Client can choose the credit opÅon for 2 years, for more details please read term no-2 part (a)

- menĀoned opĀons.

- $\textbf{6. Client's iden\"{A}fica\"{A}on informa\~{A}on. By signing of this sales contract and these terms and condi\~{A}ons the client gives full right to the condi\~{A}ons of the client gives full right to the condi\~{A}ons of the client gives full right to the condi\~{A}ons of the client gives full right to the condi\~{A}ons of the client gives full right to the client gives full right to the condi\~{A}ons of the client gives full right to the client gives full right gives full$ Bll World LTD to share the client's idenAficaAon informaĀon, i.e. client's name, address, email addresses, phone numbers and names of representaĀves and website with other clients who parĀcipated in the same event. The client has the right to opt out of this clause by wriĀen noĀce to Bll World LTD.
- 7. Governing law: This contract shall be governed by and construed in accordance with the laws of the Pr ovince of Alberta, Canada. Any disputes arising under or in connecÃon with this registr aÃon form shall be seÃled before the competent court in Canada
- 8. IndemnificaÃon: To the fullest extent permiÃed by the law, you agree to protect, indemnify, defend and hold harmless BII World LTD, its owners, managers, partners, subsidiaries, affiliates, officers, directors, employees and agents, from and against any and all claims, losses or damages to persons or property, governmental charges or fines, penalĀes, and costs (including reasonable aĀorney's fees) (collecAvely "the Claims"), in any way arising out of or relaAng to the event that is the subject of this contract, and regardless of negligence, included but not limited to, Claims arising out of the negligence, gross negligence or intenAonal misconduct of BII World LTD employees, agents, contractors, and aAendees; provided, however, that nothing in this indemnificaAon shall require you to indemnify BII World LTD Indemnified parÃes for that porÃon of any Claim arising out of the sole negligence, gross negligence or intenÃonal misconduct of the BII World LTD parĀes.
- 9. Other currencies. In case that client requests payment in other than official currency (USD), BII World LTD reserves the right to apply 5% currency risk surcharge to the actual exchange rate.
- 10. Other CondiÃons: Any terms or condiÃons contained in the client's acceptance which contradict or are different from the terms and conditions of this registration document shall not become part of the contract unless individually negolated with BII World LTD and expressly accepted by BII World LTD.