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INSTITUTE OF PROFESSIONAL CERTIFICATIONS

CERTIFIED CANADA NATIONAL BUILDING CODE AND REGULATORY COMPLIANCE MANAGER™

CNBC™

**Fully Accredited
By:**

Chartered Institute of
Professional Certifications

CPD
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PROGRAM OVERVIEW



Canada's national building code and regulatory compliance landscape is complex and unforgiving. With **decentralized adoption across ten provinces and three territories**, each introducing its own modifications and amendments, the system creates a fragmented regulatory environment riddled with **overlapping requirements and jurisdiction-specific nuances**. The stakes are significant: non-compliance can lead to fines averaging **\$50,000 to \$100,000 per violation**, project stop-work orders, and delays that inflate construction costs by 8 to 15 percent.

This certified program will equip construction leaders with a **commanding understanding of Canada's intricate National Building Code 2025** and the multifaceted regulatory compliance framework at federal, provincial/territorial, and municipal levels. You will explore a wide range of critical topics, including the **National Building Code of Canada, provincial building code adaptations, fire safety provisions, energy efficiency standards, accessibility requirements, and climate-resilient design mandates**, giving you a well-rounded grasp of the **technical and legal compliance obligations** governing every building project.

The program also examines **provincial and territorial variations** in depth, focusing on their unique climatic, seismic, and environmental adaptations, so you understand precisely how the model national code interacts with local implementations. In addition, you will learn to develop and implement effective **compliance strategies, conduct thorough code reviews, manage multi-agency approvals, and integrate sustainable building practices** while mitigating the risk of violations.

ACCREDITATIONS



4.8



4.6



PROGRAM OVERVIEW



You will also master crucial topics such as **emerging net-zero requirements, material testing protocols**, and strategies to anticipate **future code revisions**. Armed with a solid command of Canada's building codes and regulations, you will embed best practices into your organization's project management and compliance strategy, ensuring legal adherence, cost control, and successful project delivery.

Upon completing the program and passing the Chartered exam, you will earn the **Certified Canada National Building Code and Regulatory Compliance Manager (CNBC™) designation**. This lifelong credential validates your expertise in NBC 2025 interpretation, regulatory coordination, and compliance management, while arming you to close compliance gaps, engage AHJs effectively, and defend regulatory decisions with traceable evidence and sound professional judgment.

ACCREDITATIONS



4.8



4.6



KEY SKILLS YOU WILL GAIN

From This Program



**NBC 2025 COMPLIANCE MANAGEMENT
BUILDING CODE INTERPRETATION
CODE STRUCTURE AND NAVIGATION
DIVISIONS A; B AND C APPLICATION**

**BUILDING CLASSIFICATION
PART 3 AND PART 9 PATHWAY SELECTION
REFERENCED STANDARDS INTERPRETATION
ALTERNATIVE SOLUTIONS DEVELOPMENT**

**REGULATORY COMPLIANCE PATHWAY DESIGN
PERMITTING AND APPROVAL MANAGEMENT
AHJ COORDINATION AND ENGAGEMENT
PROFESSIONAL RESPONSIBILITY MANAGEMENT**

**FIRE PROTECTION COMPLIANCE
LIFE SAFETY COMPLIANCE
MEANS OF EGRESS COMPLIANCE
SPATIAL SEPARATION REQUIREMENTS
ACCESSIBILITY AND BARRIER-FREE COMPLIANCE**

**STRUCTURAL CODE COMPLIANCE
NBC PART 4 REQUIREMENTS**

YOUR FACULTY DIRECTOR



Laith Hajsaid

Highly Accomplished Structural Engineering Professional

Laith Hajsaid is a highly accomplished structural engineering professional with over 13 years of experience in structural design, regulatory compliance, and construction oversight across complex building projects. He currently serves as Senior Authority at AECOM Canada, where he **leads the delivery of residential, commercial, industrial, and government structures, ensuring full compliance with Canadian building codes and national standards.** His project portfolio spans a wide range of high-performance structures, where he consistently delivers safe, compliant, and technically robust engineering solutions.

Laith is a **Licensed Professional Engineer (P.Eng.) with deep expertise in structural analysis, limit states design, and the evaluation of seismic and wind loads,** supported by strong capabilities in inspection, quality assurance, and regulatory documentation. He has also **contributed to national standards development through his research at the National Research Council of Canada,** further strengthening his authority in structural compliance. In addition to his consulting work, Laith is a respected educator and trainer, delivering professional courses and technical programs focused on structural integrity and compliance best practices.

OUR PARTICIPANTS

Over 70% of FORTUNE 500 Companies Have Attended Our Accredited Programs Before



PROGRAM AGENDA



MODULE 1 - CANADIAN BUILDING REGULATORY LANDSCAPE AND THE ROLE OF NBC 2025

- National model codes versus legally adopted provincial/territorial regulations and local amendments.
- Roles of the Canadian Board for Harmonized Construction Codes, NRC, provinces/territories, municipalities, and authorities having jurisdiction (AHJs).
- Regulatory hierarchy: Legislation, regulations, building codes, referenced standards, approvals, and project-specific requirements.

MODULE 2 - NAVIGATING THE NBC: DIVISIONS A, B AND C, OBJECTIVES, FUNCTIONAL STATEMENTS AND REFERENCED STANDARDS

- How the objective-based Code is structured and how Divisions A, B, and C work together.
- Using objectives, functional statements, intent/application information, appendices, and attribution to understand why provisions exist.
- How referenced standards become part of compliance and how to manage edition/date conflicts.

MODULE 3 - SCOPE, BUILDING CLASSIFICATION AND SELECTING THE CORRECT CODE PATH

- Major occupancy classification, mixed occupancies, building area, building height, construction type, and key defined terms.
- Application of Part 3 versus Part 9, including the practical consequences of crossing classification thresholds.
- Early code-analysis decisions that influence fire protection, structure, egress, accessibility, and services.

MODULE 4 - COMPLIANCE METHODS, ALTERNATIVE SOLUTIONS AND CODE INTERPRETATIONS

- Acceptable solutions versus alternative solutions within Canada's objective-based regulatory framework.
- Defining performance objectives, establishing equivalency, evidence/documentation, and limitations of an alternative solution.
- Managing ambiguous provisions, interpretations, RFIs, technical opinions, and AHJ engagement.

PROGRAM AGENDA



MODULE 5 - PERMITTING, PROFESSIONAL ROLES AND REGULATORY RESPONSIBILITIES

- Typical permit lifecycle: Pre-consultation, submission, plans examination, comments, revisions, issuance, inspections, and occupancy/closeout.
- Responsibilities and interfaces among owners, architects, engineers, contractors, registered professionals, building officials, and inspectors.
- Code matrices, schedules, sealed documents, delegated design, shop drawings, substitutions, and revision control.

MODULE 6 - FIRE PROTECTION, CONSTRUCTION TYPE AND SPATIAL SEPARATION

- Fire-resistance ratings, fire separations, closures, penetrations, continuity, and protection of openings.
- Combustible/ non-combustible construction concepts, sprinkler-related provisions, and coordination of rated assemblies.
- Spatial separation, exposing building faces, limiting distance, and exterior-wall/opening considerations.

MODULE 7 - OCCUPANT SAFETY, MEANS OF EGRESS AND HIGH-BUILDING CONSIDERATIONS

- Occupant load, exit number and capacity, travel distance, exit access, corridors, doors, stairs, and guards.
- Exit continuity, interconnected floor spaces, service spaces, and common coordination conflicts.
- Overview of high-building and emergency-system considerations and their multidisciplinary implications.

MODULE 8 - ACCESSIBILITY AND BARRIER-FREE COMPLIANCE

- Accessible routes, entrances, doors, ramps, elevators, washrooms, controls, signage, and clear-floor-space concepts.
- How accessibility requirements affect architectural, structural, mechanical, electrical, site, and interior-design decisions.
- Common late-stage accessibility conflicts and how to prevent them through coordinated review.

PROGRAM AGENDA



MODULE 9 - STRUCTURAL COMPLIANCE - NBC PART 4 AND REFERENCED CANADIAN STANDARDS

- Structural design basis: Loads, load combinations, importance categories, serviceability, and climatic/seismic information.
- Wind, snow, earthquake, and other environmental actions and how the NBC connects them to structural design.
- Role of referenced standards such as CSA S16, CSA A23.3, CSA O86, and CSA S304, plus delegated-design and construction-interface risks.

MODULE 10 - ENVIRONMENTAL SEPARATION, BUILDING ENVELOPE AND DURABILITY

- Heat, air, moisture, vapour, precipitation, and condensation control within the building envelope.
- Roofs, walls, glazing, below-grade construction, transitions, penetrations, and continuity of control layers.
- Durability, water ingress, freeze-thaw exposure, and the compliance consequences of unresolved interface details.

MODULE 11 - BUILDING SERVICES COORDINATION - HVAC, PLUMBING AND FIRE-PROTECTION INTERFACES

- NBC building-services requirements and the interface with the National Plumbing Code and applicable fire-protection requirements.
- Ventilation, shafts, service rooms, penetrations, firestopping, dampers, equipment clearances, and access for inspection/maintenance.
- Coordination of equipment loads/supports, openings, sleeves, and routing with structure and architecture.

MODULE 12 - ENERGY EFFICIENCY, NECB INTERFACE AND CLIMATE-RESILIENT DESIGN

- Energy-efficiency provisions for housing/small buildings and the interface with the National Energy Code of Canada for Buildings (NECB).
- Envelope performance, airtightness, thermal bridging, systems efficiency, and performance/tier-based compliance concepts.
- NBC 2025 climate-data updates and how evolving climate and resilience requirements affect design assumptions and long-life assets.

PROGRAM AGENDA



MODULE 13 - CONSTRUCTION, DEMOLITION, INSPECTIONS AND FIELD COMPLIANCE

- Safety measures during construction/demolition and the interface between code requirements, permits, and site controls.
- Inspection planning, hold points, deficiency tracking, substitutions, site instructions, non-conformances, and field revisions.
- Maintaining traceability from approved documents to installed work and final acceptance.

MODULE 14 - EXISTING BUILDINGS, ALTERATIONS, RENOVATIONS AND CHANGE OF USE

- NBC 2025 Part 10 as the emerging national alteration framework, its current scope/limits, and the need to check jurisdiction-specific renovation provisions.
- Existing-condition uncertainty, additions/extensions, change of use, heritage considerations, and when new work triggers broader compliance review.
- Managing structural, fire/life-safety, accessibility, envelope, and energy risks in occupied or older buildings.

MODULE 15 - COMPLIANCE MANAGEMENT, AUDIT READINESS, CAPSTONE EXERCISE AND EXAM PREPARATION

- Building a compliance management system: Code matrix, responsibility matrix, review gates, document control, issue logs, approvals, and closeout records.
- Risk-based prioritization, escalation, communication with AHJs and project leadership, and managing unresolved interpretations.
- Integrated Canadian project capstone followed by targeted review of concepts and exam-style MCQ practice.

EXAMINATION

YOUR CHARTER DESIGNATION



Chartered Institute of Professional Certifications' programs are unique as they provide you with professional charter designations and marks that can be used across your lifetime once you have completed our programs.

Upon successfully completing the program and passing the Chartered exam, you will be awarded the **Certified Canada National Building Code and Regulatory Compliance Manager (CNBC™)** designation. This distinguished credential validates your expertise in NBC 2025, building-code interpretation, and regulatory coordination, and proves your ability to apply Code requirements, control compliance risk, and deliver safer, better-governed building projects across Canada.

This program is developed by the **Chartered Institute of Professional Certifications**, and its content has been certified by the **CPD Certification Service** as conforming to rigorous Continuing Professional Development principles.

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We Thank You for Your Ongoing Support
of Our Programs

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