

CHARTERED
INSTITUTE OF PROFESSIONAL CERTIFICATIONS

AUSTRALIA NATIONAL CONSTRUCTION CODES, REGULATIONS AND COMPLIANCE

Fully Accredited
By:

Chartered Institute of
Professional Certifications

CPD
Certification Service

PROGRAM OVERVIEW

The Australia building and construction codes sets a foundation to create a quality and safe design to Australia's buildings. Failure to comply with these codes can cause your organization to reputational woes, loss of lucrative building projects and construction opportunities or even lead to criminal charges as well. It is essential that you fully understand these regulated codes and standards every time you lay your hands on a building and construction project.

Led by Stephen Krimmer, a distinguished authority in Australian Building Code, this program will show you with a thorough review of the **Australia's National Construction Code (NCC) and Australia Standards (AS)** and an in-depth understanding of the legal and compliance requirements of building and construction projects in Australia. You will dive deep on how to **interpret the key provisions of the building code** and access the NCC to ensure compliance with the performance requirements that is required for your building projects. Throughout the program, you will be taught **options or pathways for compliance**, especially for more challenging codes to abide with and develop a robust performance solution that will prevent you from breaching the legislation and avoid any reputational woes. At the end of the program, you will master the all the critical building codes and construction standards to ensure that your **building projects are aligned within the legal frameworks**.

Post completion of the program, you will be awarded with the **Certification in Australia National Construction Code, Regulations and Compliance** that can be used in your professional credentials. This certification is industry-recognized with lifelong validity and will help you distinguish your skillsets and you have attained expertise and critical knowledge in Australia's National Construction Code.

ACCREDITATIONS



4.8



4.6



KEY SKILLS YOU WILL GAIN

From This Program



YOUR FACULTY DIRECTOR



Stephen Krimmer

Leading Australian Building Code Expert and Accredited Building Certifier

Stephen Krimmer is an authority in Australian Building Code education, with over two decades of experience as a practicing building certifier. As an **Accredited Certifier and Senior Building Surveyor**, Stephen's expertise spans building code compliance, assessments, and inspections, serving both government and non-government sectors.

Stephen has taught comprehensive courses at Western Sydney University and the University of Technology Sydney, focusing on all volumes of the Building Code of Australia (BCA) and related regulations. Additionally, Stephen regularly authors articles on building compliance and the National Construction Code (NCC), further contributing to the industry's knowledge base. He also offers tailored training for state departments and non-government organizations, equipping practitioners with the essential skills and knowledge to excel in construction codes, regulations, and compliance.

OUR PARTICIPANTS

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PROGRAM AGENDA

MODULE 1 - INTRODUCTION OF BUILDING CODES AND NATIONAL CONSTRUCTION CODE (NCC)

- Overview of the NCC
- Importance and Scope of the NCC
- Structure and Content of the NCC Volumes 1, 2, and 3
- Key Definitions and Terminologies

MODULE 2 - BUILDING CLASSIFICATIONS AND REQUIREMENTS

- Understanding Building Classifications Under the NCC
- Performance Requirements for Different Building Classes
- Case Studies and Practical Applications

MODULE 3 - INTRODUCTION TO NCC VOLUME ONE

- Scope and Application for Class 2 to 9 Buildings
- Structure of Volume One: Sections A to J
- Performance Requirements and Verification Methods

MODULE 4 - STRUCTURAL PROVISIONS AND FIRE RESISTANCE (NCC VOLUME 1 SECTIONS B & C)

- Structural Provisions (NCC Volume 1, Section B)

- Understanding Australian Standards (including AS1668, AS1670, AS3600, AS 4100, AS1170, AS 4200)
- Fire Resistance and Stability and Fire Performance Requirements (NCC Volume 1, Section C1 & C2)
- Compartmentation and Separation (NCC Volume 1, Section C3)
- Protection of Openings (NCC Volume 1, Section C4)

MODULE 5 – ACCESS AND EGRESS, ACCESSIBILITY AND DISABILITY STANDARDS (NCC VOLUME 1 SECTION D)

- Access and Egress (NCC Volume 1, Section D1)
- Provision for Escape (NCC Volume 1, Section D2)
- Construction of Exits (NCC Volume 1, Section D3)
- Accessibility Requirements Under the NCC (NCC Volume 1, Section D4)
- Compliance with Disability (Access to Premises - Buildings) Standards 2010
- Design Considerations for Accessibility



PROGRAM AGENDA

MODULE 6 - FIRE SAFETY, SERVICES AND EQUIPMENT (NCC VOLUME 1 SECTION E)

- Fire Fighting Equipment (NCC Volume 1, Section E1)
- Smoke Hazard Management (NCC Volume 1, Section E2)
- Lift Installations (NCC Volume 1, Section E3)
- Visibility in an Emergency, Exit Signs and Warning Systems (NCC Volume 1, Section E4)

MODULE 7 - HEALTH AND AMENITY REQUIREMENTS (NCC VOLUME 1 SECTION F)

- Surface water management, Wet areas, Roof and Wall Cladding
- Sanitary and other Facilities
- Room Heights, Light and Ventilation, Sound Transmission and Insulation
- Condensation Management

MODULE 8 – ANCILLARY PROVISIONS, SPECIAL USE BUILDINGS, ENERGY EFFICIENCY AND SUSTAINABILITY (NCC VOLUME 1 SECTIONS G, I & J)

- Ancillary Provisions (Minor Structures, Occupiable Outdoor Areas, Livable Housing Design NCC Volume 1, Section G)
- Special Use Buildings (NCC Volume 1, Section I)

- Energy Efficiency Measures in the NCC (NCC Volume 1, Section J)
- Compliance with Nationwide House Energy Rating Scheme (NatHERS)
- Sustainable Building Practices and Materials

MODULE 9 - ENVIRONMENTAL AND PLANNING REGULATIONS

- Environmental Planning and Assessment Requirements (example: EP&A Act 1979)
- Integration of Environmental Considerations in Building Design
- Managing Environmental Compliance and Audits
- Upgrades of Existing Buildings

MODULE 10 - INTRODUCTION TO NCC VOLUME TWO

- Scope and Application for Class 1 and 10 Buildings
- Structure of Volume Two: Parts 1.0 to 10.0
- Housing Provisions

MODULE 11 - RESIDENTIAL BUILDING REQUIREMENTS (CLASS 1 BUILDINGS NCC VOLUME TWO)

- Structural and Stability Requirements for Residential Buildings
- Fire Safety Provisions for Detached Houses and Townhouses



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- Health and Amenity Standards (Lighting, Ventilation, Sanitation)
- Energy Efficiency and Sustainability Measures

MODULE 12 - NON-HABITABLE BUILDINGS AND STRUCTURES (CLASS 10 BUILDINGS NCC VOLUME TWO)

- Classification and Types of Class 10 Buildings (Garages, Sheds, Carports)
- Structural and Stability Requirements
- Fire Safety and Health Provisions
- Workshop: Converting a Class 10a Building into Class 1a Building

MODULE 13 – SITE SPECIFIC REQUIREMENTS - BUSHFIRE AND FLOOD PROTECTION FOR HOUSING

- AS 3959:2018: Construction of Buildings in Bushfire-prone Areas
- ABCB Standard: Construction of Buildings in Flood Hazard Areas

MODULE 14 - PLUMBING AND DRAINAGE REGULATIONS

- Overview of the Plumbing Code of Australia (PCA) - NCC Volume 3
- Performance Provisions in Volume 3
- Water Efficiency and Sustainable Plumbing Practices

MODULE 15 - PERFORMANCE REQUIREMENTS FOR THE CONSTRUCTION OF BUILDINGS

- Workshop – Putting it into Practice – Real-life Performance Solution Example
- Performance Requirements versus Deemed-to-Satisfy Solutions

YOUR CHARTER DESIGNATION



By the vested power in the Board of Governors of Chartered Institute of Professional Certifications, the Advisory Board, Faculty and Curriculum Committee, do hereby certify

Juliana Silva

Has Earned the Certificate of Completion For

Australia National Construction Codes, Regulations and Compliance

This Program Is Developed by Chartered Institute of Professional Certifications and The Content of This Program Has Been Certified by CPD Certification Service as Conforming to Continuing Professional Principles



Chair of the Board





Director

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

After successfully attending this program, you will be awarded with the Certification in **Australia National Construction Codes, Regulations and Compliance** that can be used in your resume, CV and other professional credentials. This certification is industry-recognized with lifelong validity. Globally demanded and recognized, this designation will help you distinguish your skillsets and show that you have attained expertise and critical knowledge in building codes compliance and construction law. This program is developed by **Chartered Institute of Professional Certifications** and the content of this program has been certified by CPD Certification Service as conforming to continuing professional principals.

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We Thank You for Your Ongoing Support
of Our Programs



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