

CPCCBC4053

APPLY BUILDING CODES AND STANDARDS TO THE CONSTRUCTION PROCESS FOR CLASS 2 TO 9 TYPE C BUILDINGS

ASSESSMENT SUMMARY

The assessment activities for CPCCBC4053 Apply building codes and standards to the construction process for Class 2 to 9 Type C buildings cover all aspects of the unit of competency. For Apprentices/Trainees, this includes supervisor completion of the Apprentice/Trainee Record (ATR).

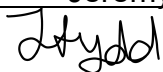
Participants must read all the information given before starting any assessment task. The assessment tasks are intended to be fair, flexible, valid and reliable. If a Participant has any questions or requires alternative arrangements to be made such requests should be directed to their Trainer/Assessor, who should note such arrangements in the 'Assessor Comments' on the affected assessment. If a Participant feels they are not yet ready to be assessed, they should discuss their options with their Trainer/Assessor.

To satisfactorily complete the assessment, the Participant is required to answer all questions correctly and demonstrate their skills to industry standards. If a Participant does not answer all questions or perform all tasks, they will be deemed 'Not Satisfactory' for the task and 'Not Yet Competent' for the unit of competency.

The Trainer/Assessor can provide the Participant with additional information on interpreting the assessment outcomes and guide the Participant's options. If a Participant is still deemed 'Not Satisfactory' they will have the opportunity to undertake a supplementary assessment or appeal the result as per the process in the Student Handbook.

By signing below, the Participant acknowledges:

- They understand the assessment instructions and requirements, and consent to being assessed.
- The work submitted is to be their own work – with the work of/with others needing to be clearly acknowledged and documented.
- They consent to any photo/video recording of their work that occurs during assessment.

Participant name	Jeremy Tydd
Participant signature	

Pre-requisite unit(s) to be achieved and authenticated prior to undertaking assessment

☒ Not applicable

Task	Date completed	Assessment Results	
Theory Exam		☐ Satisfactory	☐ Not Satisfactory
Workbook		☐ Satisfactory	☐ Not Satisfactory
Practical Assessment		☐ Satisfactory	☐ Not Satisfactory
Outcome for CPCCBC4053		☐ Competent	☐ Not Yet Competent

Evidence requirements checklist (ticked by assessor and evidence supplied to RTO)

- | | |
|--|---|
| ☐ Theory Exam
☐ Workbook
☐ Practical Assessment | ☐ Documentation of design and construction (suitability or evidence of suitability)
☐ Fire protection inspection checklist |
|--|---|

Assessor name	
Assessor signature	

CPCCBC4053

APPLY BUILDING CODES AND STANDARDS TO THE CONSTRUCTION PROCESS FOR CLASS 2 TO 9 TYPE C BUILDINGS

THEORY EXAM

Participant name	Jeremy
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FOR THE PARTICIPANT
Instructions
- You will complete written questions as outlined on the following pages. You must attempt all questions and provide enough detail in your responses to demonstrate your knowledge. - It is anticipated that you should complete this assessment within two (2) hours, but additional time may be allowed upon negotiation with the Assessor. - You must complete all questions unassisted by the Assessor or other personnel but may refer to reference material as needed. All questions must be answered correctly for a 'Satisfactory' assessment outcome to be awarded. - An oral examination may be allowed under certain circumstances, whereby your answers will be documented by another party. - Any written questions that are incomplete, or not answered satisfactorily will need to be completed again after further training support. - If you answer a question incorrectly but modify your response, put your initials next to the written change (or the Assessor must initial a verbal change).
Resources required
Pen

FOR THE ASSESSOR
Instructions
- Where oral examination has occurred, ensure that this is acknowledged in writing (e.g. FT001 and Assessor Comments) - All questions must be satisfactorily demonstrated by the Participant for a Satisfactory determination (indicated by an Assessor tick to the right of the question). - Assessors are to complete marking in pen of a different colour to the Participant. - If the Participant verbally modifies their response, write in the modified response verbatim and put your initials next to the written change.

ASSESSOR COMMENTS

As necessary, outline:

- Details on reattempts, alternative arrangements or reasonable adjustments made.
- Where a Participant is deemed 'Not Satisfactory', provide recommendations for future training.

Q1. Provide a brief description of the given classes of buildings according to the National Construction Code (NCC).

Answer

Assessment method	Description
Class 2 building	Apartment buildings, multi-unit residential buildings
Class 3 building	These are long-term or transient living accommodations for unrelated people. These include the boarding house, guest house, a hostel or backpackers
Class 4 building	A Class 4 building is the only dwelling or residence within any Class 5, 6, 7, 8 or 9 buildings
Class 5 building	An office building used for professional or commercial purposes, except for buildings of Class 6, 7, 8 or 9. Examples include: law office office for general medical practitioners



Assessment method	Description
Class 6 building	Buildings that directly sell goods by retail or supply services to the public, such as: restaurants or cafés markets, shopping centres and malls
Class 7a building	Carparks
Class 7b building	The following buildings are classified under Class 7b: warehouses storage buildings
Class 8 building	buildings used for production, assembling, altering, repairing, finishing, packing or cleaning of goods or produce Factory

Q2. Discuss Class 9 buildings according to the NCC, including the difference between the three (3) Class 9 sub-classifications.

Answer

☐

Class 9 buildings are buildings of public nature

Class 9a are buildings for health care where people undergo medical treatment.

Class 9b are buildings for social, theatrical, etc. such as schools, universities, childcare centres.

Class 9c are buildings for residential accommodation for elderly people who require personal care services and need 24-hour staff assistance to evacuate the building in an emergency.

Q3. A client is showing you the plans for a group of four (4) dwellings over two (2) storeys, above a common basement or carpark. Determine what classification would be assigned to this building. Explain your answer.

Answer

This type of building is referred to a mix use building. This is where different parts of the building are all classified separately. The group of four dwellings would be class 2, but the carpark would be class 7a as it takes up more than 10 per cent of the storey's floor area. This building would be a Class 2.

☐

Q4. Another client would like to build a new doctors surgery. Determine what classification would be assigned to this. Explain your answer.

Answer

Healthcare buildings in which occupants are either undergoing or have undergone medical treatment are a Class 9a building

☐

Q5. Explain why the plans for a warehouse that contains a caretakers residence may have more than one classification.

Answer

A warehouse is a class 7 but were a caetakers residence class 4 takes up more that 10% of the area it becomes a mix use dewling and will have multiple classes.

Q6. What dictates how buildings must be constructed in Australia and how may this differ in your State or Territory?

Answer

State and territory governments regulations

Depending on the state/territory that you are in and the classification of your building, there are different acts and regulations that you must follow for your project. The NCC read in conjunction with the state and territory legislations.

Q7. Explain why it is important to understand references the NCC makes to Australian Standards.

Answer These are important because these affect the design, construction, and/or required performance of the build. The NCC usually form \ part of the DTS provisions of the NCC.

Q8. Clarify the purpose of compliance with AS 3600.

Answer This standard provides specifications for minimum requirements ☐ for the design and construction of concrete building structures and members that contain reinforcing steel or tendons, or both. It also sets out requirements for plain concrete and pedestal footings.

Q9. Provide a brief explanation of the listed NCC compliance assessment methods used to determine compliance using a Performance Solution pathway.

Answer

Assessment method	Description
Evidence of suitability	This entails showing evidence that the use of material, plumbing and drainage product or form of construction or design meets the Performance Requirements or a DTS Provision
Verification methods	Commonly, Verification Methods include quantifiable or predetermined acceptable criteria that must be achieved by the given compliance option. There are different forms of Verification Methods, including Tests Inspections (or inspection reports) Calculations
Comparison with DTS Provisions	. It involves doing a comparative analysis to determine whether Performance Solutions provide the superior or same level of health, safety, amenity, or sustainability as using the DTS provisions.
Expert Judgement	An expert can either be a person or an organisation with the necessary skills and experience to make a judgement concerning NCC compliance.



Q10. Discuss the listed levels found in the NCC Performance Hierarchy.

Answer

Performance Hierarchy	Description
Objectives	community expectations for buildings
Functional statements	Buildings are to achieve the objectives
Performance requirements	mandatory performance level to meet objectives and functional statements
Building Solutions	compliance with the performance requirements by using a performance solution, or a DTS solution.



Q11. Why may you need to use a combination of Performance Solutions and Deemed-to-Satisfy (DtS) solutions to comply with the Performance Requirements of the NCC?

Answer

A combination of the two solutions can be used when satisfying a single Performance Requirement. This is possible when Performance Requirements cover several elements within a building. The Assessment Method to be used depends on which compliance option was applied.



Q12. Discuss the workplace policies and procedures that should be held on-site.

Answer

types of workplace policies code of conduct.
recruitment policy, internet and email policy, mobile phone policy, non-smoking policy drug and alcohol policy health and safety policy anti-discrimination and harassment policy.



Q13. Describe the basic principles of structural design and how these align with large span structures.

Answer

The structural principles deal with managing and handling loads and loading. A structure needs to be able to support the loads that act on it or its components. To ensure safety, a building or structure has to be able to withstand the most severe combination of loads over its lifespan.



Q14. What type of information is determined from the working drawings and specifications when organising the excavation for a shopping centre with underground parking?

Answer

Address ,orientation of the build

Benchmarks

Installation methods

supplementing drawings



Q15. Discuss compressive and tensile stresses on buildings.

Answer

Tension forces are pulling forces that tend to elongate or stretch the material, while compression forces are pushing forces that tend to compress or shorten the material.



Q16. Briefly clarify the meaning of 'water ingress' when related to waterproofing a building.

Answer ☐
Water ingress is when water makes its way into a building.
It can occur for various reasons and in different ways, leading
to immediate damage or slow deterioration of building elements.

Q17. What do you check for to confirm product compliance with NCC requirements?

Answer ☐
Codemarks
Watermarks
Certificate of Accreditation

Q18. Where do you record checks that you have made on products and materials that have arrived on-site?

Answer ☐
Workplace Checklists
Reports and records

Q19. What are some indications that a construction company is abiding by environmental protection laws?

Answer ☐
waterway protection
noise protection
safe chemical storage

Q20. Explain your understanding of the following concepts relating to sustainability.

Answer

Concept	Explanation
Ecological footprint	The impact of human activities measured in terms of the area of biologically productive land and water required to produce the goods consumed.
Renewable energy	Renewable energy is energy derived from natural sources



Q21. Provide the six (6) bushfire attack level ratings that AS 3959 uses to establish the requirements for construction. Explain each rating.

Answer

1. BAL low - insufficient risk
2. BAL 12.5 Ember attack
3. BAL 19 - increased levels of ember and burning debris
4. BAL 29 increased levels of windbore embers
5. BAL 40 increased level of exposure to flames.
6. BAL FZ direct exposure to flames



Q22. Complete the table below by identifying the type of fire-resisting construction (i.e. Type A, Type B, or Type C) given the following class of building and number of storeys each class of building has.

Answer ☐

Rise in Storeys	Class of building: 2,3,9	Class of building: 5,6,7,8
4 or more	Type A	Type A
3	Type A	Type B
2	Type B	Type C
1	Type c	Type C

Q23. Respond to each of the following regarding zero-energy building.

Answer ☐

	Zero energy building
Definition	A building that produces as much energy as it consumes.
One (1) technique used in zero energy building	Using renewable energy sources that power the building
The procedure in implementing the technique you have identified	Installation of rooftop solar panels.

CPCCBC4053

APPLY BUILDING CODES AND STANDARDS TO THE CONSTRUCTION PROCESS FOR CLASS 2 TO 9 TYPE C BUILDINGS

WORKBOOK

Participant name	Jeremy Tydd
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FOR THE PARTICIPANT
Instructions
- You will complete written activities as outlined on the following pages. You must attempt all questions and provide enough detail in your responses to demonstrate your knowledge. - The timeframe for these tasks will be established by your Assessor or Training Plan, but additional time may be allowed upon negotiation with the Assessor. - You must complete all questions unassisted by the Assessor or other personnel but may refer to reference material as needed. All questions must be answered correctly for a 'Satisfactory' assessment outcome to be awarded. - An oral examination may be allowed under certain circumstances, whereby your answers will be documented by another party. - Any written questions that are incomplete, or not answered satisfactorily will need to be completed again after further training support. - If you answer a question incorrectly but modify your response, put your initials next to the written change (or the Assessor must initial a verbal change).
Resources required
Pen

FOR THE ASSESSOR
Instructions
- Where oral examination has occurred, ensure that this is acknowledged in writing (e.g. FT001 and Assessor Comments) - All questions must be satisfactorily demonstrated by the Participant for a Satisfactory determination (indicated by an Assessor tick to the right of the question). - Assessors are to complete marking in pen of a different colour to the Participant. - If the Participant verbally modifies their response, write in the modified response verbatim and put your initials next to the written change.

ASSESSOR COMMENTS

As necessary, outline:

- Details on reattempts, alternative arrangements or reasonable adjustments made.
- Where a Participant is deemed 'Not Satisfactory', provide recommendations for future training.

NOTE

At times, you will be provided with a specific business context to which you must respond, otherwise it is anticipated that you will use a workplace of your choosing (your own, or hypothetical) to provide the context to the task.

At all times, the responses in your assessment must reference **Australian** (Queensland or Federal) documentation, including legislation, regulations, codes of practice, standards and guidance publications.

ACTIVITY 1

Access the National Construction Code (NCC) to:

- Determine where to locate the technical building requirements for Class 2 to 9 buildings.
- What is stated in Volume One Amendment 1 – Queensland Part B1 Structural provisions?
- What is stated in Volume One Amendment 1 – NSW Section A6.6 Class 6 buildings?

a) Determine where to locate the technical building requirements for Class 2 to 9 buildings.

NCC volume one contains construction requirements for class 2 to 9 buildings

b) What is stated in Volume One Amendment 1 – Queensland Part B1 Structural provisions?

Building work is designated flood hazard areas

c) What is stated in Volume One Amendment 1 – NSW Section A6.6 Class 6 buildings?

A shop or other building for the sale of goods by retail or the supply of services direct to the public

Satisfactory
Outcome



ACTIVITY 2

Access the National Construction Code (NCC) Volume One Amendment 1 - Section A Governing Requirements - Part A2 Compliance with the NCC and respond to the following:

- What does this Part explain?
- What methods are available to achieve the Performance requirements?
- How is a performance solution shown to comply with the relevant Performance Requirements?

a) What does this Part explain?

It explains the various compliance pathways within the NCC and the steps that must be taken for each of these pathways

b) What methods are available to achieve the Performance requirements?

A performance solution or a deemed to satisfy

c) How is a performance solution shown to comply with the relevant Performance Requirements?

A verification method including the following:
The verification methods provided in the NCC.
Other verification methods, accepted by the appropriate authority that show compliance with the relevant performance requirements.
Expert judgement.
Comparison with the deemed to satisfy provisions.

**Satisfactory
Outcome**



ACTIVITY 3

Some occupants of a brick apartment building have complained about plaster damage, mould build up, damaged skirting and floorboards. The issue seems to affect rooms beside or including bathrooms.

Given the information above:

- Identify factors that may have contributed to the damage issue.
- Identify which Part from the NCC Volume 1 Amendment 1 was not properly applied.
- Briefly explain how the identified Part from the NCC Volume 1 was not properly applied.
- Identify which Australian standard was not properly applied.
- Briefly explain how the identified Australian standard was not properly applied.
- Identify what other defect the building may have considering the deviations of the construction from the code and standard.
- Describe the extent of the work that needs to be done to rectify the issue.

a) Identify what contributed to the degradation issue.

In correct installation of waterproofing in wet areas.

b) Identify which Part from the NCC Volume 1 Amendment 1 was not properly applied.

Amendment 1 - part F1- damp and weatherproofing

c) Briefly explain how the identified Part from the NCC Volume 1 was not properly applied.

Guide to F1.7 waterproofing of wet areas in buildings states in a class 2 and 3 building and class 4 part of a building, building elements in wet areas must be water resistant or waterproof in accordance with table F1.7 and comply with AS 3740.

d) Identify which Australian standard was not properly applied.

AS 3740

e) Briefly explain how the identified Australian standard was not properly applied.

All shower walls must be waterproofed to 1800mm and all shower floors to comply with AS3740 Australian waterproofing standards

f) Identify what other defect the building may have considering the deviations of the construction from the code and standard.

Most likely other wet areas would not be done to AS 3740 and could be a risk to the building

g) Describe the extent of the work that needs to be done to rectify the issue.

All area must be inspected and fixed to the Australian standard. This may result in a full gut and replace of the rooms so waterproofing can be done to standard.

**Satisfactory
Outcome**



ACTIVITY 4

Access the NCC via the internet to locate the requirements applicable to a building development in the Brisbane area, containing 6 sole-occupancy units, two (2) on each level, each being a separate dwelling.

This building includes one (1) basement level designated for car parking.

The proposed building structure requires reinforced concrete floors and columns.

Document your findings or where in the NCC the information can be located.

Building Description**Classification**

Class 2 residential units
class 7a car park

Rise in Storeys

the building has a rise of 3 storeys

Number of Storeys

the development will have 4 storeys

Type of construction

Type a construction

Climate Zone and description

zone 2 warm and humid summer, mild winter

Fire resistance and stability

Locate fire resistance information
Table 3 of NCC specification C1.1 for type A construction. All systems must comply with c1.8 of NCC.
Compartmentation and fire separation
Each unit must be separated by construction achieving not less than 90/90/90 for load bearing or -/60/60 for non-load bearing. The car park must be 120/120/120.

Fire hazard properties of materials, assemblies, fixtures and linings
C1.10 Of the NCC

Material requirements

Reinforced concrete requirements relative to Australian Standards
NCC part 3.2.3.1 concrete must be manufactured to comply with AS 3600 Steel must comply AS 2870
Glazing requirements specifically for windows, sliding doors with frames and balconies.
NCC part 3.6 glazing Accordance with AS 2047

Satisfactory
Outcome



ACTIVITY 5

The building discussed in ACTIVITY 2 includes one (1) basement level designated for car parking.

Provide information required for

- Bored piling to retain the soil and enable basement walls.
- Work Health and Safety
- Water proofing
- Water ingress

Document your findings or where the information can be located.

Bored piling to retain soil and enable basement walls

construction of columns from subsoil will provide vertical support.
NCC part 3.2.5 footing and slab construction.

Work Health and Safety

In accordance with WHS act
Safe excavation procedures and workplace procedures.

Water proofing

Volume Two Amendment 1 section 2 performance provisions- part 2.2 Damp and waterproofing.

Water ingress

Part 3.1.3 Drainage

**Satisfactory
Outcome**



ACTIVITY 6

A newly-built hotel needed to have its second-storey elevator lobby renovated, so customers had to take the stairs to get to the second storey of the hotel. On more than one occasion, people with visual impairment have had trouble finding the first step of the stairway, with some even misjudging the first step and falling over. No serious injury has happened yet, but the hotel manager decided something had to be done with the lack of indication of the first step of the stairway. An investigation was made after the third person tripped over the first step, and the investigation revealed that no research on who could possibly use the stairs was done. Respond to the following:

- Identify one factor that contributed to the failure of the people with visual impairment to find the stairs of the hotel.
- Identify which clause from the NCC Volume 1 was not properly applied.
- Briefly explain how the clause from the NCC Volume 1 was not properly applied.
- Identify which Australian standard was not properly applied.
- Describe the extent of work that needs to be done to rectify the breach.

a) Identify one factor that contributed to the failure of the people with visual impairment to find the stairs of the hotel.

No tactile ground surface indicators were installed.

b) Identify which clause from the Building Code of Australia Volume 1 was not properly applied.

D3.8 Tactile indicators

c) Briefly explain how the identified clause from the Building Code of Australia Volume 1 was not properly applied.

There were no tactile indicators installed

d) Identify which Australian standard was not properly applied.

AS 1428

e) Describe the extent of work that needs to be done to rectify the breach.

Tactile ground surface indicators that indicate the presence of stairways must be installed.

**Satisfactory
Outcome**



CPCCBC4053

APPLY BUILDING CODES AND STANDARDS TO THE CONSTRUCTION PROCESS FOR CLASS 2 TO 9 TYPE C BUILDINGS

PRACTICAL ASSESSMENT

Participant name	Jeremy Tydd
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FOR THE PARTICIPANT

Instructions

- The tasks outlined on the following pages will require performance of normal workplace activities, as a result of a structured activity set by an Observer in the workplace or a simulated activity set by your Assessor/Observer.
- The timeframe for these tasks will be established by your Assessor/Observer, in consideration of location conditions and industry requirements.
- You must complete all tasks unassisted by the Assessor or other personnel, unless the steps note this assistance.
- You must attempt all tasks (and itemised steps) for a 'Satisfactory' assessment outcome to be awarded.
 - For any observation conducted that is incomplete, or without satisfactory performance, the observation will need to be completed again after further training support.

FOR THE ASSESSOR/OBSERVER

Instructions

- The following observation record should be used to judge and record your observations of the Participant as they complete the task(s) set. You must record your observations of the Participant's performance.
 - For each occasion, indicate the task performed and whether it was a simulation or workplace-based task.
 - Any simulated assessment must ensure the Participant still performs under workplace conditions which reflect industry standards.
 - In the comments, provide clear detail regarding the task that the Participant was required to do (e.g. PPE used, materials handled, attachments connected, plant types).
- All steps must be satisfactorily demonstrated by the Participant for a 'Satisfactory' determination (indicated by an Assessor tick to the right of each itemised step, or an Observer tick to the right of each itemised step, and confirmation by an Assessor in the Assessor Comments).
 - Where you have determined that one or more task steps have not been satisfactorily demonstrated, provide the Participant with additional support and outline details of such assistance in the Assessor/Observer Comments. Allow the Participant two (2) further opportunities to demonstrate the task again to allow an opportunity for a 'Satisfactory' assessment outcome to be achieved.
 - If after three (3) attempts the Assessor determines that the Participant cannot demonstrate the required steps, a 'Not Satisfactory' outcome is to be determined.

TASK OUTCOME					
Task	Date	Task Type (Tick)	Location	Task outcome (Tick)	
				Satisfactory	Not Satisfactory
Task 1 (Occasion 1)		☐ Workplace ☐ Simulation		☐	☐
Task 1 (Occasion 2)		☐ Workplace ☐ Simulation		☐	☐

ASSESSOR COMMENTS: GENERAL

As necessary, outline:

- Details on reattempts, alternative arrangements or reasonable adjustments made.
- Where a Participant is deemed 'Not Satisfactory', provide recommendations for future training.

ASSESSOR COMMENTS: PRACTICAL TASK 1: OCCASION 1- Class 2, 3 or 9

- ☐ Individual student (as named on cover page)
☐ Multiple students [☐ All from Attendance Report, ☐ Specific students involved – identify students]

Task	Provide detail
1.1A. 1.1B. 1.1C. 1.1D.	Specify (✓) where building classifications, criteria requirements and performance solutions were documented: ☐ Workplace Quality document ☐ Quality Assurance Template ☐ Other (please specify): ☐ Document attached as evidence
1.2D.	Specify (✓) who was consulted regarding compliance options: ☐ Project management ☐ Relevant tradesperson ☐ Builder ☐ Supplier ☐ Other (please specify):
1.3C.	Specify building checked for compliance with active fire protection requirements: ☐ Is checklist used attached as evidence

ASSESSOR COMMENTS: PRACTICAL TASK 1: OCCASION 2 - Class 5 to 8	
☐ Individual student (as named on cover page) ☐ Multiple students [☐ All from Attendance Report, ☐ Specific students involved – identify students]	
Task	Details
1.1A. 1.1B. 1.1C. 1.1D.	Specify (✓) where building classifications, criteria requirements and performance solutions were documented: ☐ Workplace Quality document ☐ Quality Assurance Template ☐ Other (please specify): ☐ Document attached as evidence
1.2D.	Specify (✓) who was consulted regarding compliance options: ☐ Project management ☐ Relevant tradesperson ☐ Builder ☐ Supplier ☐ Other (please specify):
1.3C.	Specify building checked for compliance with active fire protection requirements: ☐ Is checklist used attached as evidence

CPCCBC4053

APPLY BUILDING CODES AND STANDARDS TO THE CONSTRUCTION PROCESS FOR CLASS 2 TO 9 TYPE C BUILDINGS

Practical Task 1 (2X)

Description of task:

The participant must demonstrate the skills and knowledge to apply building codes and standards to the construction process for Class 2 to 9 Type C buildings.

- Occasion 1 - Class 2, 3 or 9
- Occasion 2 - Class 5 to 8

Documented evidence of all criteria must be presented (*template (HO1) available for use if required*) The participant must also inspect one existing buildings for fire protection compliance using workplace or created document (*See HO2 for information*). Assessor and observer will be looking for evidence including:

- Classify building and document findings.
 - Read the plans and specifications to determine the nature of the building, its use and arrangement.
 - Read and correctly interpret relevant Parts of the NCC and related Australian Standards for the project.
 - Determine and document the classifications applicable to the building. (*template available- HO1*)
 - Identify and interpret multiple classifications from NCC.
- Determine construction compliance requirements.
 - Determine NCC Performance Requirements relevant to Class 2 to 9 Type C building projects.
 - Determine range of criteria to ensure that construction methods comply with NCC Performance Requirements.
 - Identify and document faults or non-conforming construction methods against NCC Performance Requirements. (*template available- HO1*)
 - Propose Performance Solution during discussion with design and building professional.
 - Analyse and apply Assessment Methods to determine compliance with Performance Solution or Deem-to-Satisfy Solution (DTS). (*template available- HO1*)
 - Meet the evidence of suitability requirements for building materials and products stated in the NCC.
 - Complete documentation demonstrating how the project design and construction will meet NCC requirements (*template available- HO1*) including:
 - Structure
 - Access and egress
 - Services and equipment
 - Health and amenities
 - Ancillary provisions
 - Energy efficiency
- Determine fire protection requirements.
 - Read the NCC and other legislative requirements for passive and active fire control elements in buildings.
 - Write or obtain a checklist describing the level of fire resistance required for the construction of various buildings.
 - Inspect one building for compliance with passive and active fire protection requirements.

These tasks may be simulated or real. The Participant is to gather evidence of how they have completed each component of the Practical Task, which is to be submitted with this Practical Assessment sheet. The Observer is to provide detailed comments on the tasks completed by the Participant (on the Observer Comments, overleaf). The Assessor is to verify the Observer's comments, noting their findings in the Assessor Comments (on the back of the Practical Assessment cover page) and provide the assessment outcome.

Resources required:

Construction plans, drawings and specifications of two Type C building projects- one(1) Class 2, 3 or 9 and one (1) Class 5 to 8.; workplace quality policies and procedures; technology to access building and related industry codes, standards and manufacturer product information and materials specifications; Technology to access the NCC and current relevant Acts and Regulations. PPE as required. Documentation of design and construction (suitability or evidence of suitability) (*template available- (HO1)*). Fire protection checklist (HO2).

Observer details	
Name of observer:	Ayden Cooper
Role of observer (Confirm suitability to sign)	Supervisor
Email address of observer	admin.cooperconstructionsandrenovations.com.au
Signature of observer:	
Date:	27-10-23

When completing the task, did the Participant:	Tick if satisfactorily completed. Provide comments if left unticked.	
	1 st Occasion	2 nd Occasion
1 Classify buildings.		
1.1A. Read the plans and specifications to determine the nature of the building, its use and arrangement.	✓	✓
1.1B. Read and correctly interpret relevant Parts of the NCC and related Australian Standards for the project.	✓	✓
1.1C. Determine and document the classifications applicable to the building. (template available- HO1)	✓	✓
1.1D. Identify and interpret multiple classifications from NCC.	✓	✓
2 Determine construction compliance requirements from NCC.		
1.2A. Determine NCC Performance Requirements relevant to Class 2 to 9 Type C building projects. - Occasion 1- Class 2, 3 or 9 - Occasion 2 - Class 5 to 8	✓	✓
1.2B. Determine range of criteria to ensure that construction methods comply with NCC Performance Requirements.	✓	✓
1.2C. Identify and document faults or non-conforming construction methods against NCC Performance Requirements. (template available- HO1)	✓	✓
1.2D. Propose Performance Solution during discussion with design and building professional.	✓	✓
1.2E. Analyse and apply Assessment Methods to determine compliance with Performance Solution or Deem-to-Satisfy Solution (DTS). (template available- HO1)	✓	✓
1.2F. Meet the evidence of suitability requirements for building materials and products stated in the NCC.	✓	✓
1.2G. Complete documentation demonstrating how the project design and construction will meet NCC requirements for structure. (template available- HO1)	✓	✓
1.2H. Complete documentation demonstrating how the project design and construction will meet NCC requirements for access and egress. (template available- HO1)	✓	✓
1.2I. Complete documentation demonstrating how the project design and construction will meet NCC requirements for services and equipment. (template available- HO1)	✓	✓
1.2J. Complete documentation demonstrating how the project design and construction will meet NCC requirements for health and amenities. (template available- HO1)	✓	✓
1.2K. Complete documentation demonstrating how the project design and construction will meet NCC requirements for ancillary provisions. (template available- HO1)	✓	✓

When completing the task, did the Participant:	Tick if satisfactorily completed. Provide comments if left unticked.	
	1 st Occasion	2 nd Occasion
1.2L. Complete documentation demonstrating how the project design and construction will meet NCC requirements for energy efficiency. <i>(template available- HO1)</i>	✓	✓
1.2M. Complete documentation demonstrating how the project design and construction will meet NCC requirements for fire protection. <i>(template available- HO1)</i>	✓	✓
3 Determine fire protection requirements.		
1.3A. Read the NCC and other legislative requirements for passive and active fire control elements in buildings.	✓	✓
1.3B. Write or obtain a checklist describing the level of fire resistance required for the construction of various buildings.	✓	✓
1.3C. Inspect one building for compliance with passive and active fire protection requirements.	✓	✓

Observer comments: