

CPCCBC4001

APPLY BUILDING CODES AND STANDARDS TO THE CONSTRUCTION PROCESS FOR CLASS 1 AND 10 BUILDINGS

ASSESSMENT SUMMARY

The assessment activities for *CPCCBC4001 Apply building codes and standards to the construction process for Class 1 and 10 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 CPCCBC4001		☐ Competent	☐ Not Yet Competent

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

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

Assessor name	
Assessor signature	

CPCCBC4001

APPLY BUILDING CODES AND STANDARDS TO THE CONSTRUCTION PROCESS FOR CLASS 1 AND 10 BUILDINGS

THEORY EXAM

Participant name	Jeremy Tydd
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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. Explain why it is important to understand references the NCC makes to Australian Standards.

Answer

The NCC calls upon or “references” a range of documents when it comes to design and construction requirements for a building or plumbing or drainage systems. They include Australian Standards, ABCB Protocols, ABCB Standards and other publications.

There are three main types of NCC referenced documents

☐

Q2. You have been asked to develop a tender proposal for a housing development taking State/Territory. Discuss in depth any legislation and Codes your submission must comply with?

Answer

Your tender should be in line with the NCC requirements. you should consider Approvals for work well in advance.

All plans should be checked by owner and trades

Helth and Saftey should be considered with workers,the public and the enviroment in mind.

☐

Q3. Describe the listed NCC compliance assessment methods used to determine compliance using a Performance Solution pathway.

Answer

Assessment method	Description
Evidence of suitability	Evidence to support claims that material form of construction or design meets performance Requirements.
Verification methods	They take a number of forms including a test, inspection, calculation, or a combination of these. A Verification Method provides a methodology for assessing a Performance Solution. It generally includes a quantifiable benchmark or predetermined acceptable criteria that the solution must achieve.
Comparison with DTS Provisions	Performance Solution uses any method other than the DTS Provisions to comply with the Performance Requirements. DTS Solutions use the NCC's DTS Provisions to comply with the Performance Requirements.
Expert Judgement	Expert Judgement is the judgement of a person who has the qualifications and experience necessary to determine whether a Building or Plumbing and Drainage Solution complies with the Performance Requirements.



Q4. Discuss the listed levels found in the NCC Performance Hierarchy.**Answer**

Performance Hierarchy	Description
Objectives	describe the community expectations for buildings.
Functional statements	describe how buildings are to achieve the objectives.
Performance requirements	outline the mandatory performance level that needs to be met for a building to meet the Objectives and Functional Statements.
Building Solutions	BCA Volume One, pertaining to commercial buildings is a performance based document with mandatory 'Performance Requirements'. The BCA allows for the 'Performance Requirements' to be met via three compliance solution



Q5. 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 Certain components of the build may not comply directly with the DtS solutions ☐

Q6. The client is showing you the plans for them to build a duplex on their site. Determine what classification would be assigned to this building. Explain your answer.

Answer Class 1a building ☐

group of two or more attached dwellings separated by a fire wall

Q7. Another client would like to install a swimming pool. Determine what classification would be assigned to this. Explain your answer.

Answer Class 10 building ☐

Non habitable building

Q8. Explain why the plans for a residential building with landscaping features may have more than one classification.

Answer different classes for different builds such as a pool 10b or shed 10a ☐

Q9. AS 2870 is referenced in both NCC Volumes One and Two. Respond in the table, what the Australian Standard is referenced in relation to.

Answer ☐

NCC Volume	Referenced in relation to
Volume One	vapour barrier
Volume Two	construction of slabs and footings

Q10. Outline workplace policies and procedures that should be held on-site.

Answer ☐

Emergency procedures

PPE policies

site plans

Q11. Why is it important to document quality assurance and quality control processes relevant to the build?

Answer

☐

To ensure you have outlined the finishes of a build

To ensure materials are correct

Q12. Discuss the basic principles of structural design that must be considered in any building design.

Answer

in most cases the strength comes from the footings where the walls

☐

and roof are all tied together and back down to the footings

Q13. Provide five conformity assessment pathways that can be used individually, or in combination, to demonstrate product compliance.

Answer

1. Code mark australia ☐
2. certification of Accreditation awarded and issued by a certification body
3. Report issued by a Accredited testing laboratory
4. Report from a engineer
5. Product Technical statement

Q14. 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. BAL12.5 - Ember attack
3. BAL 19 increasd levels of ember and burning
4. BAL 29 increased levels of ember and buring debris ignited by windborne embers.
5. BAL40 as for BAL plus incresed likelihood of exposure to flames
6. BAL FZ Direct exposure to flames from fire

Q15. 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	A	A
3	A	B
2	B	C
1	C	C

Q16. Provide a brief explanation of each step of the development of Performance Solutions.

Answer ☐

Steps in Developing Performance Solutions	Brief explanation of each step
Prepare a performance-based design brief	The brief lets you know the important parts of the performance based design
Carry out analysis, modelling, or testing	Carry out analysis modelling or testing to meet criteria
Collate and evaluate results	Collate and evaluate results or see if all is up to scratch
Prepare a final report	The final report should confirm if the brief has been met

Q17. Discuss two (2) properties, two (2) characteristics and two (2) limitations of concrete when used for buildings.

Answer

	Concrete
Properties	1. concrete is one of the strongest structural properties
	2. concrete should be finishable
Characteristics	1. ease of workability
	2. fire resistant, thermal insulation
Limitations	1. plain concrete has low tensile strength when compared to other building materials
	2. Requires reinforcement



Q18. Discuss three (3) benefits of using glass in buildings.

Answer

1. Natural lighting
2. lower electricity costs with lights
3. can be strong



Type text

Q19. Respond to the following items regarding zero-energy building.

Answer

Item	Zero energy building
Definition	A zero energy building produces as much energy as it consumes
One (1) technique used in zero energy building	Using renewable energy to power the building
The procedure in implementing the technique you have identified	solar panels ,whirlybird



CPCCBC4001

APPLY BUILDING CODES AND STANDARDS TO THE CONSTRUCTION PROCESS FOR CLASS 1 AND 10 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 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:

- Briefly explain what the General Requirements of buildings are.
- Briefly explain what the Performance Requirements of buildings are.
- Briefly explain the relationship between a building's Performance Requirements and compliance options (e.g. performance solutions, deemed-to-satisfy solutions).

a) Briefly explain what the General Requirements of buildings are.

requirements of the NCC

b) Briefly explain what the Performance Requirements of buildings are.

They are the minimum level of end product

c) Briefly explain the relationship between a building's Performance Requirements and compliance options (e.g. performance solutions, deemed-to-satisfy solutions).

performance solutions can be used to achieve the performance requirements of a building.

Satisfactory
Outcome



ACTIVITY 2

Provided in the table below are different building elements of Class 1 and Class 10 buildings. For each building element, provide one performance requirement according to the National Construction Code (NCC) Volume 2.

- a) Structural stability and resistance.
- b) Weatherproofing.
- c) Automatic fire warning for occupants.
- d) Personal hygiene and other facilities.
- e) Movement to and within a building.

a) Structural stability and resistance

A building or structure, during construction and use, with appropriate degrees of reliability, must—

- i. perform adequately under all reasonably expected design actions; and
- ii. withstand extreme or frequently repeated design actions; and
- iii. be designed to sustain local damage, with the structural system as a whole remaining stable and not being damaged to an extent disproportionate to the original local damage; and
- iv. avoid causing damage to other properties

b) Weatherproofing

A roof and external wall (including openings around windows and doors) must prevent the penetration of water that could cause—

- i. unhealthy or dangerous conditions, or loss of amenity for occupants; and
- ii. undue dampness or deterioration of building elements.

c) Automatic fire warning for occupants

Occupants must be provided with automatic warning on the detection of smoke so that they may evacuate in the event of a fire to a place of safety.

d) Personal hygiene and other facilities

Suitable sanitary facilities for personal hygiene must be provided in a convenient location within or associated with a building, appropriate to its function or use.

- ii. Laundering facilities or space for laundering facilities and the means for sanitary disposal of waste water must be provided in a convenient location within or associated with a building, appropriate to its function or use.
- iii. A food preparation facility must be provided which includes—
 - a. a means for food rinsing, utensil washing and the sanitary disposal of associated waste water; and
 - b. a means for cooking food; and
 - c. a space for food preparation.

e) Movement to and within a building

walking surfaces must have safe gradients; and

- ii. any stairway or ramp must—
 - a. have suitable handrails where necessary to assist and provide stability to people using the stairway or ramp; and
 - b. have suitable landings to avoid undue fatigue of users; and
 - c. be suitable for safe passage in relation to the nature, volume and frequency of likely usage; and
 - d. have slip-resistant walking surfaces on ramps, and on stairway treads or near the edge of the nosing.

**Satisfactory
Outcome**



ACTIVITY 3

Provided in the table below are different building elements of Class 1 and Class 10 buildings. Describe the how the verification method for each building element of the buildings must be implemented.

a) Structural robustness

- i. assessment of the structure such that upon the notional removal in isolation of—
 - a. any supporting column; or
 - b. any beam supporting one or more columns; or
 - c. any segment of a load bearing wall of length equal to the height of the wall, the building remains stable and the resulting collapse does not extend further than the immediate adjacent storeys; and
- ii. demonstrating that if a supporting structural component is relied upon to carry more than 25% of the total structure, a systematic risk assessment of the building is undertaken and critical high risk components are identified and designed to cope with the identified hazard or protective measures chosen to minimise the risk.

b) Room space or height

- i. assessment of the structure such that upon the notional removal in isolation of—
 - a. any supporting column; or
 - b. any beam supporting one or more columns; or
 - c. any segment of a load bearing wall of length equal to the height of the wall, the building remains stable and the resulting collapse does not extend further than the immediate adjacent storeys; and
- ii. demonstrating that if a supporting structural component is relied upon to carry more than 25% of the total structure, a systematic risk assessment of the building is undertaken and critical high risk components are identified and designed to cope with the identified hazard or protective measures chosen to minimise the risk.

**Satisfactory
Outcome**



ACTIVITY 4

Access and review the following documents included with this workbook regarding quality management systems of Cascade Peaks Construction:

Handout 2 (HO2) Cascade Peaks Construction Quality System – Beginning Construction

Handout 3 (HO3) Cascade Peaks Construction Quality System – Mandatory Inspections

Once you have accessed and reviewed the documents above, answer the following questions:

- Briefly explain why proper procedures for demolition and temporary fencing is needed during construction.
- Briefly explain why mandatory inspections are needed during the construction of new buildings.
- Identify two (2) tasks that should be done before demolition starts.
- Identify two (2) characteristics that temporary fencing around a construction site should have.
- Identify two (2) inspections that must be done by a building certifier.
- Identify two (2) areas in a building that must be inspected for weatherproofing by a building certifier.

a) Briefly explain why proper procedures for demolition and temporary fencing is needed during construction.

Must be safe for the public and all workers

b) Briefly explain why mandatory inspections are needed during the construction of new buildings.

To ensure the safety of all when the building is completed

c) Identify two (2) tasks that should be done before demolition starts.

Demolition permits
disconnect power, water

d) Identify two (2) characteristics that temporary fencing around a construction site should have.

Be between 1.8 and 2 meters tall
cover the whole job site where the public can access

e) Identify two (2) inspections that must be done by a building certifier.

slab inspection
framing inspection

f) Identify two (2) areas in a building that must be inspected for weatherproofing by a building certifier.

Bathrooms
landries

**Satisfactory
Outcome**



ACTIVITY 5

Access and review:

Handout 4 (HO4) Cascade Peak Construction's Safety Policies and Procedures

After reviewing the policies and procedures, provide the following information below:

- Cascade Peaks Construction's safety policy.
- Cascade Peaks Construction's field standard safety clothing and equipment policy.
- Four (4) registers that Cascade Peaks Construction should keep regarding the safety of its workers.
- Five (5) safety clothing that workers must wear regardless of their task.

a) Cascade Peaks Construction's safety policy.

Cascade Peak Construction Pty Ltd is committed to creating a workplace environment that is conducive to safety as well as to productivity. To achieve this aim, management and employees will comply with all relevant legislation and safety regulations that are in force both in the office and in the client's work environments

b) Cascade Peaks Construction's field standard safety clothing and equipment policy.

Should reflect: Cascade Peak Construction puts the safety of its workers before everything else. All workers, therefore, are expected to wear the following safety clothing and have the following equipment within easy reach depending on where they are.

Wide brim hat
collared shirt
ect

c) Four (4) registers that Cascade Peaks Construction should keep regarding the safety of its workers.

Should reflect four (4) of:
Phone/contact details – Staff Medical Advisors, Ambulance, Police, etc.
Accident: Minor and Serious
Inductions
Safety training courses attended
HR- Qualifications register.

d) Five (5) safety clothing that workers must wear regardless of their task.

Steel Cap Footwear (boots) – at discretion of safety officer
Wide Brim Hat
UV protection sunscreen (supplied)
Long sleeve shirts buttoned or affixed at wrist.
Collared shirts

Satisfactory
Outcome



ACTIVITY 6

Consider the columns in the photo below and answer the following questions:



- What kind of stress is being applied on the columns by the ceiling?
- Describe the deformation that the columns are possibly undergoing due to the stress that the ceiling is applying on them.
- Describe what would happen to the columns if the ceiling were too heavy to be supported.

a) What kind of stress is being applied on the columns by the ceiling?

compressive

b) Describe the deformation that the columns are possibly undergoing due to the stress that the ceiling is applying on them.

The spacing of the columns could be changed to reduce the weight on them

c) Describe what would happen to the columns if the ceiling were too heavy to be supported.

they could give way

**Satisfactory
Outcome**



ACTIVITY 7

The handrail of a staircase in a two-storey house located in a termite-risk area broke off while a resident was climbing down the stairs. The handrail was hollow and was infested with termites. Upon further inspection, most of the staircase was constructed from untreated timber, and the project plans made no mention of the fact that the house was made in a termite-risk area.

Given the information above:

- a) Identify two factors that contributed to the degradation of the house's staircase.
- b) Identify which Part from the NCC Volume 2 was not properly applied.
- c) Briefly explain how the identified clause from the Building Code of Australia Volume 2 was not properly applied.
- d) Identify which Australian standard was not properly applied.
- e) Briefly explain how the identified Australian standard was not properly applied.
- f) Identify one practice endorsed by Safe Work Australia was not properly applied.
- g) Briefly explain how the identified practice endorsed by Safe Work Australia was not properly applied.
- h) Identify what other defect the house would have considering the deviations of the construction from the code and standard.
- i) Describe the extent of the work that needs to be done to rectify the termite infestation.

a) Identify two (2) factors that contributed to the degradation of the house's staircase.

untreated timber
termite risk area

b) Identify which Part from the NCC Volume 2 was not properly applied.

amendment 1 part 3.1.4 Termite risk management

c) Briefly explain how the identified Part from the NCC Volume 2 was not properly applied.

untreated timber was used in a termire risk area

d) Identify which Australian standard was not properly applied.

AS 3660

e) Briefly explain how the identified Australian standard was not properly applied.
Termite procedures were not in place
f) Identify one practice endorsed by Safe Work Australia was not properly applied.
codes of practice and standards
g) Briefly explain how the identified practice endorsed by Safe Work Australia was not properly applied.
no measures were put into place for termitets
h) Identify what other defect the house would have considering the deviations of the construction from the code and standard.
The whole stair case would be at risk
i) Describe the extent of the work that needs to be done to rectify the termite infestation.
everything must be brought up to standart required by the ncc

Satisfactory
Outcome



CPCCBC4001

APPLY BUILDING CODES AND STANDARDS TO THE CONSTRUCTION PROCESS FOR CLASS 1 AND 10 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		☐ 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

☐ 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.	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 existing building checked for compliance with active fire protection requirements: ☐ Is checklist used attached as evidence

CPCCBC4001

APPLY BUILDING CODES AND STANDARDS TO THE CONSTRUCTION PROCESS FOR CLASS 1 AND 10 BUILDINGS

Practical Task 1

Description of task:

The participant must demonstrate the skills and knowledge to apply building codes and standards to the construction process one Class 1 or 10) building or structure project to a maximum of two storeys. 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 HO5 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 classification applicable to the building and all ancillary buildings and structures. (*template available- HO1*)
- Determine construction compliance requirements.
 - Determine NCC Performance Requirements relevant to Class 1 and 10, up to two storeys, building projects.
 - Determine range of criteria to ensure that construction methods comply with NCC Performance Requirements.
 - Identify and document non-conforming construction methods against NCC Performance Requirements. (*template available- HO1*)
 - Propose and discuss Performance Solution with design and building and construction professionals. Document consultation. (*template available- HO1*)
 - 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:
 - energy efficiency
 - damp and weatherproofing
 - fire safety
 - health and amenity
 - structure
 - safe movement and access
 - ancillary provisions
- 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 existing 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 for one (1) building Class 1 or 10) building or structure project to a maximum of two storeys; 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.

Practical Task 1	
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:	2-4-2024

When completing the task, did the Participant:	Tick if satisfactorily completed. Provide comments if left unticked.
1 Classify building	
1.1A. Read the plans and specifications to determine the nature of the building and ancillary provisions, 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 classification applicable to the building and all ancillary buildings and structures. <i>(attach evidence -template available- HO1)</i>	✓
2 Determine construction compliance requirements	
1.2A. Determine NCC Performance Requirements relevant to Class 1 and 10, up to two storeys, building projects. <i>(attach evidence -template available- HO1)</i>	✓
1.2B. Determine range of criteria to ensure that construction methods comply with NCC Performance Requirements. <i>(attach evidence -template available- HO1)</i>	✓
1.2C. Identify and document non-conforming construction methods against NCC Performance Requirements. <i>(attach evidence -template available- HO1)</i>	✓
1.2D. Propose and discuss Performance Solution with design and building and construction professionals. Document consultation. <i>(attach evidence -template available- HO1)</i>	✓
1.2E. Analyse and apply Assessment Methods to determine compliance with Performance Solution or Deem-to-Satisfy Solution (DTS). <i>(attach evidence -template available- HO1)</i>	✓
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 energy efficiency <i>(attach evidence -template available- HO1)</i> .	✓
1.2H. Complete documentation demonstrating how the project design and construction will meet NCC requirements for damp and weatherproofing <i>(attach evidence -template available- HO1)</i> .	✓
1.2I. Complete documentation demonstrating how the project design and construction will meet NCC requirements for fire safety <i>(attach evidence -template available- HO1)</i>	✓
1.2J. Complete documentation demonstrating how the project design and construction will meet NCC requirements for health and amenity. <i>(attach evidence -template available- HO1)</i> .	✓
1.2K. Complete documentation demonstrating how the project design and construction will meet NCC requirements for structure. <i>(attach evidence -template available- HO1)</i> .	✓
1.2L. Complete documentation demonstrating how the project design and construction will meet NCC requirements for safe movement and access. <i>(attach evidence -template available- HO1)</i> .	✓
1.2M. Complete documentation demonstrating how the project design and construction will meet NCC requirements for ancillary provisions. <i>(attach evidence -template available- HO1)</i> .	✓

When completing the task, did the Participant:	Tick if satisfactorily completed. Provide comments if left unticked.
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 existing building for compliance with passive and active fire protection requirements (<i>attach checklist as evidence</i>)	✓

