

CPCCBC6001 APPLY BUILDING CODES AND STANDARDS TO THE CONSTRUCTION PROCESS FOR LARGE BUILDING PROJECTS

PRACTICAL ASSESSMENT

Participant name	BLETT ELDRED
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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	Select Date.	☐ 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.	Specify how scope of work was determined: - REVIEW OF SPECIFICATIONS, 80% DD DRAWING SET, INVESTIGATION OF SITE CONDITIONS
1.1A.	Specify how general requirements and prescriptive requirements of the NCC were determined and documented: REVIEW OF CERTIFIED REPORTS FOR BUILDING COMPLIANCE
1.1B.	How were relevant Australian Standards identified and located: - INTERPRETATION OF SPECIFICATIONS FROM CONSULTANTS & NCC BUILDING COMPLIANCE REPORT
1.2A. 1.2B. 1.3A. 1.3H. 1.5C. 1.5D.	Specify (✓) where building classifications, criteria requirements and performance solutions were documented: ☒ Workplace Quality document ☒ Quality Assurance Template ☐ Other (please specify): ☐ Document attached as evidence
1.3F.	Specify (✓) who was consulted regarding compliance options: ☒ Project management ☐ Relevant tradesperson ☐ Builder ☐ Supplier ☒ Other (please specify): CONSULTANT
1.4A. 1.4B.	Specify (✓) where NCC requirements for passive and active fire protection and performance solutions were documented: ☒ Workplace Quality document ☐ Quality Assurance Template ☐ Other (please specify): ☒ Document attached as evidence

ASSESSOR COMMENTS: PRACTICAL TASK 1	
1.4C.	Specify existing buildings checked for compliance with active fire protection requirements: ☒ Is checklist used attached as evidence?
1.5A. 1.5B.	Specify (✓) communication methods applied to manage construction and other trades compliance: ☒ Emails ☐ Schedule ☐ Memos ☐ Daily meetings ☐ Site induction ☒ Other (please specify): <u>ACONEX</u> .
1.5E.	Specify how non-confirming building materials and products were managed using evidence of suitability: <u>NOT SPECIFIED NOR USED IN THIS INSTANCE.</u> <u>- PROJECT STAKEHOLDERS EXPLICIT FOR IN USE FOR COMPLIANT</u> <u>MATERIALS / PRODUCTS ONLY DUE TO NATURE OF BUILDING.</u>

CPCBC6001

APPLY BUILDING CODES AND STANDARDS TO THE CONSTRUCTION PROCESS FOR LARGE BUILDING PROJECTS

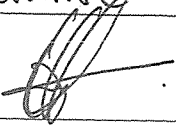
Practical Task 1

Description of task:

The participant must demonstrate the skills and knowledge to make a range of critical decisions in relatively complex situations while applying building codes and standards to one (1) building project over three (3) storeys, with below ground construction to meet the requirements of the National Construction Code (NCC) prior to the build commencing. The participant must also inspect existing buildings for fire compliance. Assessor and observer will be looking for evidence including:

- Interpret relevant codes and standards' requirements.
 - Determine the scope of works and NCC general requirements and Performance Requirements to achieve a DTS solution.
 - Identify Australian Standards referenced in the NCC Relevant to the build and confirm the requirements.
- Classify the building/s.
 - Determine the use and arrangement of the building and apply the appropriate NCC classification/s.
 - Locate and document NCC requirements for multiple classifications.
- Apply solutions to construction problems.
 - Determine the range of NCC criteria required to ensure project compliance.
 - Identify alternative, compliant solutions for construction problems to comply with NCC Performance Requirements.
 - Meet the Performance Requirement of the NCC by applying a Performance Solution supported by one or a combination of the Assessment Methods.
 - Use a Deem-to-Satisfy (DTS) solution supported by one or a combination of Assessment Methods to meet NCC compliance.
 - Use a combination of Performance Solutions and DTS solutions to comply with the Performance Requirements of the NCC.
 - Discuss compliance options with relevant construction personnel to ensure compliance with NCC Performance Requirements.
 - Identify and complete relevant documentation to meet Performance Requirements of the NCC.
- Apply fire protection requirements.
 - Read the NCC requirements to determine fire resistance required for all classes and types of buildings.
 - Identify and apply NCC requirements with respect to passive and active fire protection to all classes and types of buildings.
 - Check existing buildings for compliance with passive and active fire protection requirements according to NCC requirements. (See HO2 and NCC to create checklist)
- Implement strategy to manage construction compliance.
 - Establish strategies to manage construction compliance of large, complex and high-rise buildings with the NCC.
 - Implement and coordinate the work of professionals involved in the development and management of the building process.
 - Seek effective design solutions for buildings of more than three storeys to meet the needs of clients and ensure compliance with the NCC.
 - Design and implement quality assurance processes to ensure effective and compliant management of the construction process.
 - Detect non-conforming building materials and products and manage the evidence of suitability as required in the NCC.

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. Evidence includes site plan and workplace documents covering the information required. A template is available.

Practical Task 1	
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 schedules, plans, drawings and specifications for one (1) building project over three (3) storeys, with below ground construction; 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.	
Observer details	
Name of observer:	LLOYD EVANS
Role of observer (Confirm suitability to sign)	PROJECT MANAGER
Email address of observer	llevans@besixwatpac.com.
Signature of observer:	
Date:	Select Date. 30.04.24.

When completing the task, did the Participant:	Tick if satisfactorily completed. Provide comments if left unticked.
1 Interpret relevant codes and standards' requirements	
1.1A. Determine the scope of works and NCC general requirements and Performance Requirements to achieve a DTS solution.	☒
1.1B. Identify Australian Standards referenced in the NCC Relevant to the build and confirm the requirements.	☒
2 Classify the building	
1.2A. Determine the use and arrangement of the building and apply the appropriate NCC classification/s.	☒
1.2B. Locate and document NCC requirements for multiple classifications.	☒
3 Apply solutions to construction problems	
1.3A. Determine the range of NCC criteria required to ensure project compliance.	☒
1.3B. Identify alternative, compliant solutions for construction problems to comply with NCC Performance Requirements.	☒ RAE BIB REPORT.
1.3C. Apply a Performance Solution supported by one or a combination of the Assessment Methods to meet the Performance Requirement of the NCC.	☒
1.3D. Use a Deem-to-Satisfy (DTS) solution supported by one or a combination of Assessment Methods to meet NCC compliance.	☒
1.3E. Use a combination of Performance Solutions and DTS solutions to comply with the Performance Requirements of the NCC.	☒
1.3F. Discuss compliance options with relevant construction personnel to ensure compliance with NCC Performance Requirements.	☒
1.3G. Lead discussions to explore solutions to complex design problems with relevant construction personnel.	☒
1.3H. Identify and complete relevant documentation to meet Performance Requirements of the NCC.	☒

When completing the task, did the Participant:	Tick if satisfactorily completed. Provide comments if left unticked.
4 Apply fire protection requirements	
1.4A. Read the NCC requirements to determine fire resistance required for all classes and types of buildings.	☒
1.4B. Identify and apply NCC requirements with respect to passive and active fire protection to all classes and types of buildings.	☒
1.4C. Check existing buildings for compliance with passive and active fire protection requirements according to NCC requirements. <i>(See HO2 and NCC to create checklist)</i>	☒
5 Implement strategy to manage construction compliance	
1.5A. Establish strategies to manage construction compliance of large, complex and high-rise buildings with the NCC.	☒
1.5B. Implement and coordinate the work of professionals involved in the development and management of the building process.	☒
1.5C. Seek effective design solutions for buildings of more than three storeys to meet the needs of clients and ensure compliance with the NCC.	☒
1.5D. Design and implement quality assurance processes to ensure effective and compliant management of the construction process.	☒
1.5E. Detect non-conforming building materials and products and manage the evidence of suitability as required in the NCC.	☒

Observer comments:

Brett demonstrated working knowledge of the applicable & relevant NCC codes and performance solutions & address criteria of achieving a DTS outcome.

He was able to demonstrate where & how to classify the building, & articulate the multiple classifications determined for the project. We worked through reviewing the certifiers report, the fire engineering report, where he discussed & articulated

the nature of determination for Deem to Satisfy & performance solutions created for the project.

Brett has also participated in discussions with the design team, consultants & other team members to work through design issues & work to a suitable, code compliant outcome.

During this process, he was able to demonstrate knowledge of fire protection/resistance levels to maintain ratings/protection levels & demonstrated solid knowledge of the quality procedures & record keeping.

