



Australian Government

CPPBDN8102 Advise on compliance requirements for large and complex building design projects

Release: 1

CPPBDN8102 Advise on compliance requirements for large and complex building design projects

Modification History

Release 1 This version first released with CPP Property Services Training Package Release 11.0.

Supersedes and is equivalent to CPPBDN8002A Research compliance requirements for complex building design projects. Updated to meet the Standards for Training Packages 2012.

Application

This unit specifies the skills and knowledge required to advise on compliance requirements that apply to construction Type A, as defined in the National Construction Code (NCC) building design projects in a range of locations. It includes researching and applying local, state/territory and federal legislation, codes and standards to planning, the environment and zoning, and interpreting these requirements in relation to client preferences and prospective design proposals.

This unit is suitable for experienced building designers who apply broad and coherent theoretical and technical knowledge and highly specialised skills to manage building design projects with autonomy and judgement and to deal with sometimes complex and unpredictable contingencies.

This unit forms part of the licensing requirements for people engaged in building design in some states and territories. For further information, check with the relevant regulatory authority.

Pre-requisite Unit

Nil.

Unit Sector

Building Design

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe what needs to be done to demonstrate achievement of the element.

1 Research applicable legislation.

1.1 Investigate and confirm legislative compliance of Type A building construction.

- | | | |
|---|-----|---|
| | 1.2 | Interpret legislation and note variations affecting compliance of designs for different types of large and complex building projects. |
| | 1.3 | Interpret legislation and note variations in compliance requirements for different project locations and conditions. |
| 2 Research applicable codes and standards. | 2.1 | Interpret codes and standards and note variations relating to different types of building design projects for Type A buildings. |
| | 2.2 | Interpret codes and standards and note variations relating to different project locations and conditions. |
| 3 Analyse impact of alternative solutions on project development. | 3.1 | Assess relative strengths and weaknesses of deemed-to-satisfy (DTS) and alternative solutions according to NCC requirements. |
| | 3.2 | Assess the environmental impact and sustainability of alternative solutions. |
| | 3.3 | Seek expert opinion regarding compliance requirements of alternative solutions. |
| | 3.4 | Clarify ambiguous or conflicting compliance requirements with relevant professionals. |
| 4 Analyse compliance requirements. | 4.1 | Identify constraints of compliance requirements on design options. |
| | 4.2 | Identify and communicate to client compliance requirements that affect preferences. |
| | 4.3 | Propose and document innovative solutions to meet client and compliance requirements. |

Foundation Skills

As well as the foundation skills explicit in the performance criteria of this unit, candidates require:

- reading skills to interpret and apply complex information in legislation, regulations, codes and standards
- written and oral skills to communicate appropriately for the audience and situation.

Unit Mapping Information

Supersedes and is equivalent to CPPBDN8002A Research compliance requirements for complex building design projects.

Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>

Assessment Requirements for CPPBDN8102 Advise on compliance requirements for large and complex building design projects

Modification History

Release 1 This version first released with CPP Property Services Training Package Release 11.0.

Supersedes and is equivalent to CPPBDN8002A Research compliance requirements for complex building design projects. Updated to meet the Standards for Training Packages 2012.

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by advising on compliance with codes, standards and planning requirements for two different construction Type A building projects, as defined in the National Construction Code (NCC).

Knowledge Evidence

To be competent in this unit, a candidate must demonstrate knowledge of:

- relevant local, state/territory and national legislative, industry and workplace requirements:
 - work health and safety (WHS)
 - planning requirements, schemes and processes
 - compliance relating to construction Type A building design projects:
 - energy efficiency
 - construction materials and methods
 - Australian Standards
 - NCC deemed-to-satisfy (DTS) and alternative solution requirements
 - environmental impact and sustainability requirements
 - codes and standards for specific locations and conditions
- applicable variations in compliance requirements for relevant locations and conditions:
 - bushfire threat zones
 - coastal areas
 - climate zones
 - flood zones
 - mountainous areas
 - heritage

- pest control
- sources of reliable information for interpreting compliance requirements.

Assessment Conditions

Assessors must meet the requirements for assessors contained in the Standards for Registered Training Organisations. Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting where these skills and knowledge would be performed. This includes access to:

- computer with internet access and word processing software
- relevant workplace documentation, legislation, regulations, codes and standards
- technical references with current information on compliance requirements.

Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>