CPPBAL5XX4 Assess compliance of building design for bushfire resilience

UNIT MODIFICATION HISTORY	
Release 1	This version first released with CPP Property Services Training Package Release 15.0 New Unit of competency

Unit Code	**CPPBAL5XX4**
Unit Title	**Assess compliance of building design for bushfire resilience**
Application	This unit specifies the skills and knowledge required to conduct an assessment of a new building design for a bushfire prone area and its compliance with national construction codes, and bushfire management plans consistent with the bushfire attack level rating (BAL) for the proposed site. The unit applies to individuals who are paraprofessional workers and have technical and theoretical knowledge of bushfire impact on community development. They demonstrate autonomy, judgement and responsibility in a range of contexts within broad but established parameters, and communication and analytical skills to determine and transmit solutions to complex problems to others. No licensing, legislative or certification requirements apply to this unit at the time of publication.
Prerequisite Unit	Nil
Competency Field	039905 Fire Technology
Unit Sector	TBC

ELEMENTS		**PERFORMANCE CRITERIA**	
Elements describe the essential outcomes.		Performance criteria describe the performance needed to demonstrate achievement of the element.	
1	Access resources required for site to gather data	1.1	Access maps and plans and locate site for building design
		1.2	Access site and identify planned location of building design from plans
		1.3	Access and verify bushfire attack level (BAL) for site and planned building location
		1.4	Access and review bushfire management plan for site location
		1.4	Access and review, legislation, codes of practice and standards relative to construction in bushfire prone areas
2	Assess construction	2.1	Investigate building design features from plans and specifications

	design for compliance with legislation, regulations and standards for bushfire prone areas	2.2	Determine requirement for building design according to bushfire management plan, legislative, regulatory requirements and standards for BAL of site
		2.3	Assess compliance of building design and features for site specific BAL, legislation, regulations, standards and management plans for building design
		2.4	Identify and record noncompliance of design
3	Report findings of assessment to client	3.1	Collate assessments from plans and specification
		3.2	Determine recommendations for changes to building design and features
		3.3	Prepare a report outlining assessments and recommendations
		3.4	Present report with recommendations to client for feedback
		3.5	Review and respond to feedback from client
		3.6	Amend report according to feedback
		3.7	Finalise report and distribute to client
		3.8	Maintain records and file reports and recommendations according to workplace procedures

FOUNDATION SKILLS Foundation skills essential to performance are explicit in the performance criteria of this unit of competency. **OR** This section describes the language, literacy, numeracy and employment skills essential to performance in this unit but not explicit in the performance criteria:	
Skill	**Description**
Reading skills to:	
Writing skills to:	
Oral communication skills to:	
Numeracy skills to:	
Learning skills to:	

UNIT MAPPING INFORMATION	No equivalent unit
LINKS	The Companion Volume Implementation Guide for the CPP Property Services Training Package is available at: https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b

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TITLE	**Assessment Requirements for CPPBAL5XX4 Assess compliance of building design for bushfire resilience**
PERFORMANCE EVIDENCE To demonstrate competency, a candidate must meet the elements and performance criteria of this unit by	
Assessing the design of new buildings for compliance with prescribed bushfire resilience requirements including: • access, interpret and apply plans, specifications and regulatory framework to assessment of building designs in bushfire prone areas • interpret and apply BAL rating to site and building location according to standards • assess compliance of building layout design with bushfire related national construction codes and bushfire management plans • identified non-compliance and determined recommendations • prepared a report with recommendation and presented to client.	
KNOWLEDGE EVIDENCE To be competent in this unit, a candidate must demonstrate knowledge of:	
• reading and interpreting building design plans and specifications • BAL rating and interpretation of standards • building and construction regulatory framework, standards and codes appropriate to bushfire prone areas • impact of bushfires on building design and features • report writing skills • communication skills for dealing with clients and stakeholders.	
ASSESSMENT CONDITIONS Assessors must satisfy 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. Candidates must have access to:	
• plans, designs and specifications for building in a bushfire prone area • site specific BAL for building design • legislation, regulations, codes and standards relevant to building construction in a bushfire prone area • client • computer and resources for preparation of reports and recommendations.	
LINKS	The Companion Volume Implementation Guide for the CPP Property Services Training Package is available at: https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b