CPPBAL5XX3 Assess compliance of building materials 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	**CPPBAL5XX3**
Unit Title	**Assess compliance of building materials for bushfire resilience**
Application	This unit specifies the skills and knowledge required to conduct an assessment of a proposed building in a bushfire prone area for the suitability of the external materials used in its construction, and to provide recommendations consistent with the bushfire attack level rating (BAL) for the proposed building. 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

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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 assessment
		1.2	Access site and identify building to be assessed from plans
		1.3	Access and verify bushfire attack level (BAL) for site and building location
		1.4	Access and review legislation, codes of practice and standards relative to construction in bushfire prone areas
2	Assess construction materials for compliance with legislation, regulations and	2.1	Determine building materials for construction from plans and specifications
		2.2	Determine minimum requirement for construction materials according to legislative, regulatory requirements and standards for site BAL

	standards for bushfire prone areas	2.3	Assess compliance of building materials for site specific BAL against standards for buildings in bushfire prone areas
		2.4	Identify and record noncompliance of materials to standards, legislation and regulations for bushfire prone areas
3	Report findings of assessment to client	3.1	Collate assessments from site visit, plans and specifications
		3.2	Determine recommendations for changes to construction materials
		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 from client
		3.7	Finalise report and distribute to client
		3.8	Maintain records and file reports and recommendations according to workplace procedures

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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:

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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

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	at: https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b

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TITLE	**Assessment Requirements for CPPBAL5XX3 Assess compliance of building materials for bushfire resilience**
PERFORMANCE EVIDENCE To demonstrate competency, a candidate must meet the elements and performance criteria of this unit by:	
assessing a proposed building development for compliance with regulations, codes and standards for construction of buildings in bushfire prone areas, including: • access, interpret and apply plans, specifications and regulatory framework to assessment of building materials • interpret and apply BAL rating to site and building location according to standards • assess building construction materials against regulatory framework and BAL rating • 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 plans and specifications • BAL rating and interpretation of standards • building and construction regulatory frameworks appropriate to bushfire prone areas • impact of bushfires on buildings • report writing skills • communication skills when 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 of 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