CPPBAL5XX2 Advise on improvements to existing developments 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	**CPPBAL5XX2**
Unit Title	**Advise on improvements to existing developments for bushfire resilience**
Application	This unit specifies the skills and knowledge required to identify the characteristics of a site, structures and materials for their bushfire resilience and apply legislative frameworks, including construction codes, to assess and recommend improvements to improve resilience in bushfire prone areas. 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	Prepare for on site assessment	1.1	Determine scope of consultation and prepare brief with client
		1.2	Locate site from maps and arrange site visit
		1.3	Access and review regional bushfire management plan for site location
		1.4	Access and review bushfire attack level (BAL) rating for site
		1.5	Access and review, legislation, codes of practice and standards relative to site and structures for bushfire prone areas
		1.6	Identify hazards, assess risk and implement controls for site visit
2	Assess existing site and	2.1	Identify key structures on site for assessment according to client brief

Commented [RB1]: Would this already exist or will this need to be done as part of this assessment?

If it needs to be done then the BAL unit of competency will need to be a core unit.

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	structures for bushfire resilience	2.2	Inspect site and key structures and document observations
		2.3	Determine structure design and construction materials subject to legislative frameworks for bushfire prone areas
		2.4	Assess characteristics of structures and materials for compliance with legislative frameworks for bushfire risk
		2.5	Identify non-compliance of structures and materials with current legislative frameworks
		2.5	Document deficiencies of structures and materials for bushfire risk
3	Determine options and recommendations for improved bushfire resilience	3.1	Identify options for site and structures to improve bushfire resilience
		3.2	Assess options and select most appropriate for site and structures within constraints of client brief and according to legislative framework
		3.3	Determine recommended improvements to structures for increased bushfire resilience
		3.4	Determined bushfire mitigation measures for site
4	Prepare report and present to client	4.1	Compile assessments and recommendations into a report according to client brief
		4.2	Present report with recommendations to client and seek feedback
		4.3	Review and respond to feedback from client
		4.4	Review and amend report and recommendations according to client feedback
		4.5	Finalise report and distribute to client
		4.6	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:	

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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 CPPBAL5XX2 Advise on improvements to existing developments for bushfire resilience
PERFORMANCE EVIDENCE To demonstrate competency, a candidate must meet the elements and performance criteria of this unit by	
Assessing existing developments for bushfire resilience and determining recommendations for improvements in bushfire prone areas, including: • negotiate brief with client and attend site to conduct assessments • review legislative framework governing developments in bushfire prone areas • assess site and structures for compliance with legislative frameworks and bushfire risk • identify options for improvement to structures and site for bushfire resilience within legislative frameworks and client brief • determine recommended options for improvement of site and structures • produce and present report according to client brief and feedback.	
KNOWLEDGE EVIDENCE To be competent in this unit, a candidate must demonstrate knowledge of:	

• legislative frameworks governing developments and building construction in bushfire prone areas, including, regulations, national construction codes and Australian standards
• regional bushfire management plans and strategies
• interpretation of bushfire attack level (BAL) rating system and related Australian standards
• health and safety considerations for site visits and assessment
• assessing bushfire resilience, including:
  • site conditions and location
  • building location, design and construction materials
  • options for improvements to bushfire resilience
• communicating with clients and stakeholders
• development of client briefs
• report writing.	

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:	
• site with structures on which to conduct assessment • regional fire management plans and strategies • legislation, construction codes, and standards relevant to construction in bushfire prone areas • resources for preparing documentation and reports • client and client brief.	
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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