

CPPBAL5XX3 Advise on 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	Advise on building materials for bushfire resilience
Application	<p>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 to be used in its construction, and to provide recommendations consistent with the bushfire attack level rating (BAL) for the proposed building.</p> <p>The unit applies to individuals who are paraprofessional workers and have technical and theoretical knowledge of bushfire impact on property developments. They demonstrate autonomy, judgement and responsibility in a range of contexts within broad but established parameters. They possess communication and analytical skills to determine and transmit solutions to complex problems.</p> <p>No licensing, legislative or certification requirements apply to this unit at the time of publication.</p>
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 resources required to gather site data	1.1	Access and review maps and plans and locate site for assessment
		1.2	Access site and identify building to be assessed from plans
		1.3	Obtain and verify bushfire attack level (BAL) for site and building location
		1.4	Access and review jurisdictional plans for bushfire management for site location
		1.5	Review legislation, codes of practice and standards relative to construction in bushfire prone areas
2	Assess construction	2.1	Identify building materials for proposed construction from plans and specifications

Commented [FL1]: Element 1 and all the PCs begin with Access.
Suggest rewording the Element and modifying starting verbs for the PCs.
EG
Element 1 Prepare resources required to gather site data.
PC1.1 Review relevant maps and plans and locate site for assessment.
PC1.2 stet
PC1.3 Obtain and verify BAL
1.4 Review legislation, codes of practice and standards relevant (not relative?) to construction in BPA.

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	materials for compliance with legislation, regulations and standards for bushfire prone areas	2.2	Determine minimum requirement for construction materials according to jurisdictional plans for bushfire management, regulatory requirements and standards for site BAL
		2.3	Assess compliance of specified building materials against site specific BAL requirements and 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	Develop 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

FOUNDATION SKILLS

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

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 CPPBAL5XX3 Advise on building materials for bushfire resilience
PERFORMANCE EVIDENCE To demonstrate competency, a candidate must meet the elements and performance criteria of this unit by:	
Providing advice for at least 2 proposed building developments, each with different Bushfire Attack Level (BAL) rating, according to regulations, codes and standards for construction of buildings in bushfire prone areas, including: <ul style="list-style-type: none">• interpreting plans, specifications and applying regulatory framework to assessment of building materials for the specific BAL rating• identifying non-compliance and developing recommendations• preparing a report for client which must document:<ul style="list-style-type: none">• summary of specified building materials• identified non-compliance according to standards• recommendations for rectification.	
KNOWLEDGE EVIDENCE To be competent in this unit, a candidate must demonstrate knowledge of:	
<ul style="list-style-type: none">• reading and interpreting plans and specifications• National Construction Code (NCC) and regulatory frameworks relevant to bushfire prone areas• current legislation and Australian Standards relevant to building in bushfire prone areas• BAL ratings and impact on building materials selection• 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:	
<ul style="list-style-type: none">• plans, designs and specifications of building in a bushfire prone area• site specific BAL ratings for building designs• legislation, regulations, codes and standards relevant to building construction in a bushfire prone area• computer and resources for preparation of reports and recommendations• client.	
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