



Australian Government

CPPBPA5003 Advise on building design for bushfire resilience

Release: 1

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Modification History

Release 1	This version first released with CPP Property Services Training Package Release 17.0. New unit of competency.
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Application

This unit specifies the skills and knowledge required to conduct an assessment and determine the suitability of a proposed building design for a bushfire prone area, and to provide recommendations consistent with the Bushfire Attack Level (BAL) rating for the proposed site.

The unit applies to individuals who are paraprofessional workers and have technical and theoretical knowledge of bushfire impact on property development. 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.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil.

Unit Sector

Fire Technology

Elements and 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 building design.
	1.2	Access site and identify planned location of building design from plans.

- 1.3 Obtain and verify BAL for site and planned 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 building design for compliance with legislation, regulations and standards for bushfire prone areas.
 - 2.1 Investigate building design features from plans and specifications.
 - 2.2 Reconcile the building design requirements against jurisdictional plans for bushfire management, regulatory requirements and standards for BAL of site.
 - 2.3 Assess compliance of building design against specific BAL rating and standards and jurisdictional plans for bushfire management for site.
 - 2.4 Identify and record non-compliance of design.
- 3 Report findings of assessment to client.
 - 3.1 Collate assessments from plans and specification.
 - 3.2 Develop 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 according to workplace procedures.
 - 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

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>