



Australian Government

PUAFIR403B Assess building plans

Release 3

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Modification History

Release	TP Version	Comments
2	PUA12 V2	Content reviewed Application of the Unit added Method of assessment added
1	PUA00 V8.1	Primary release on TGA

Unit Descriptor

This unit covers the competency required to interpret building plans and associated documentation for fire safety systems and to produce a report in accordance with organisational requirements.

Legislative, regulatory or certification requirements apply to this unit at the time of publication.

Application of the Unit

This unit applies to personnel who are authorised by their agency to assess building plans and their application at various sites to ensure they comply with regulatory requirements.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

PUAFIR314B Utilise installed fire safety systems

Employability Skills Information

This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a Unit of Competency.

Performance Criteria describe the required performance needed to demonstrate achievement of the element. Where ***bold italicised*** text is used, further information is detailed in the Range Statement. Assessment of performance is to be consistent with the Evidence Guide.

Elements and Performance Criteria

ELEMENT

PERFORMANCE CRITERIA

1. Collect plans and documentation

- 1.1. Appropriate building plans and ***documentation to undertake the assessment*** are obtained.
- 1.2 ***Additional information***, where required, is sourced from appropriate parties.

2. Assess building plans and associated documentation

- 2.1 ***Fire safety systems*** are correctly identified on building plans and associated documentation.
- 2.2 Building plans and documentation are checked in accordance with organisational requirements and ***relevant codes, regulations and standards***.
- 2.3 Variations between building plans and the actual locations are assessed and recorded.

3. Report on the assessment of building plans and associated documentation

- 3.1 Variations to building plans and associated documentation are documented and reported.
- 3.2 Recommendations arising from the assessment are documented and reported in accordance with organisational requirements.

Required Skills and Knowledge

This describes the essential skills and knowledge and their level, required for this unit.

Required Skills

- apply knowledge of firefighting and organisational requirements for assessing building plans
- identify and interpret building plans in relation to fire safety systems

Required Knowledge

- building and drafting terms and practices
- building class and type of construction
- building/facility system operation documentation
- design documentation and reporting
- equipment manufacturer specifications
- maintenance procedures
- organisational procedures and requirements
- relevant regulations, codes and standards
- types of fire safety systems

Evidence Guide

The evidence guide provides advice on assessment and must be read in conjunction with the Performance Criteria, Required Skills and Knowledge, the Range Statement and the Assessment Guidelines for this Training Package.

Critical aspects for assessment and evidence required to demonstrate competency in this unit

Assessment must confirm the ability to:

- identify plans and associated documentation required to undertake an assessment of a building plan
- review the building's fire safety system against design requirements
- apply knowledge of codes, regulations and standards
- report on the assessment of building plans

Consistency in performance

Competency should be demonstrated over time in a range of actual or simulated workplace environments.

Context of and specific resources for assessment

Context of assessment

Competency should be assessed on-the-job or in a simulated workplace environment.

Specific resources for assessment

Access is required to:

- site and building plans and associated documentation

Method of assessment

In a public safety environment assessment is usually conducted via direct observation in a training environment or in the workplace via subject matter supervision and/or mentoring, which is typically recorded in a competency workbook.

Assessment is completed using appropriately qualified assessors who select the most appropriate method of assessment.

Assessment may occur in an operational environment or in an agency-approved simulated work environment. Forms of assessment that are typically used include:

- direct observation
- interviewing the candidate
- journals and workplace documentation
- third party reports from supervisors
- written or oral questions

Range Statement

The Range Statement relates to the Unit of Competency as a whole. It allows for different work environments and situations that may affect performance. ***Bold italicised*** wording in the Performance Criteria is detailed below.

<i>Documentation to undertake the assessment</i> may include:	• fire safety engineers reports • building certifiers/building surveyors documentation
<i>Additional information</i> may include:	• minutes of meetings • installers certificates • operating manuals
<i>Fire safety systems</i> must include:	• building control systems • building design requirements • communications systems • emergency vehicle access–egress systems • emergency warning and intercommunication system (EWIS) • fire detection and alarm systems • fire/emergency control centres/rooms • fire resisting structures/compartimentation • fire sprinkler systems • fire suppression systems (including hydrant, booster) • smoke hazard management
<i>Relevant codes, regulations and standards</i> may include:	• Australian Standards • state regulations • state building acts • Building Code of Australia

Unit Sector(s)

Not applicable.