



Australian Government

DEFCP004A Apply knowledge of risk assessment

Release 2

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Modification History

Release	TP Version	Comments
2	DEF12V2	Layout adjusted. No changes to content.
1	DEF12V1	Primary release.

Unit Descriptor

This unit covers the competency required to analyse and apply knowledge of risk assessment processes.

The application of this knowledge is required by people who are not specialists in the field but need the knowledge to inform their decision making

The application of risk assessment process knowledge is specific to a variety of component processes in safety case activities.

Application of the Unit

This unit was developed for Defence workers involved in the evaluation and review of safety cases but is applicable to all individuals who work in this field.

Typically these individuals must demonstrate the ability to work independently or as part of a team under direct and/or indirect supervision, use discretion, and judgement and take responsibility for the quality of their outputs. All activities are carried out in accordance with relevant organisational policies and procedures.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Not applicable.

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 Required Skills and Knowledge and/or the Range Statement. Assessment of performance is to be consistent with the Evidence Guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Access and interpret relevant risk assessment information	1.1 Relevant <i>risk factors</i> are identified and considered. 1.2 Risk assessment information obtained is analysed to determine the relevance and application to the organisation. 1.3 Outcomes of the analysis are formulated and recommendations relevant to risk assessment requirements are determined.
2. Use knowledge of risk assessment processes	2.1 Risk assessment requirements and recommendations relevant to <i>safety cases</i> are applied in accordance with <i>organisational policy and procedures</i>. 2.2 Effectiveness of the recommendations is assessed, reviewed and recorded in accordance with organisational policy and procedures. 2.3 Recommendations are adjusted if required and documented for future application in accordance with organisational policy and procedures.

Required Skills and Knowledge

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

Required Skills

- apply safety, legislative and statutory requirements relevant to the risk assessment
- identify, interpret and analyse risk assessment requirements relevant to work being performed
- use appropriate information technology and software

Required Knowledge

- configuration management
- organisational requirements relevant to risk assessment systems
- risk assessment process relevant to safety case systems
- risk assessment process relevant to the work performed
- statutory requirements relevant to risk assessment 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:

- adhere to relevant compliance requirements
- apply knowledge of the risk assessment process to assist in work and to guide problem solving

Consistency in performance

Competency should be demonstrated over time and should be observed in a range of actual or simulated work contexts.

Context of and specific resources for assessment

Context of assessment

Competency should be assessed in the workplace or simulated workplace environment.

Specific resources for assessment

Access is required to:

- computer and relevant software
- legislation, guidelines, procedures and protocols relating to safety case processes
- plans
- workplace documentation

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>Risk factors</i> may include:	• Actual events • Economic • Environmental • Financial • Human behaviour • Operational • Political circumstances • Reputation • Safety • Technical
<i>Safety case</i> is:	• Term used to describe a sophisticated, comprehensive and integrated risk management system, which demonstrates how safety (and other forms of risk) has been considered with regard to any system or equipment throughout the life of the capability from definition through to disposal • As a report, a formal documented snapshot in time, demonstrating that due diligence has been given to the hazards associated with the introduction into service of new capability, documenting the system that facilitates the management of hazards
<i>Organisational policy and procedures</i> may include:	• Australian Standards • International standards • Organisational instructions and standards

Unit Sector(s)

Not applicable.