



**Australian Government**

# **DEFGEN311 Implement and manage technical risk management**

**Release: 1**

# DEFGEN311 Implement and manage technical risk management

## Modification History

Release 1. This is the first release of this unit of competency in the DEF Defence Training Package.

## Application

This unit specifies the skills and knowledge required to manage risk within the organisation's environment in order to avoid adverse effects on the technical integrity of the organisation's materiel.

It includes determining, monitoring and controlling risks, and assessing technical risk management outcomes.

This unit applies to technical regulatory framework specialists working in Defence materiel logistics but is applicable to any individual in this field of work.

The skills and knowledge described in this unit must be applied within the legislative, regulatory and policy environment in which they are carried out. Organisational policies and procedures must be consulted and adhered to.

Typically, persons undertaking this unit work independently or as part of a team under direct and/or indirect supervision, use discretion and judgement, undertake complex tasks and take responsibility for the quality of their outputs.

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

## Pre-requisite Unit

Not applicable

## Competency Field

General

## Unit Sector

Not applicable.

## Elements and Performance Criteria

### ELEMENTS

### PERFORMANCE CRITERIA

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

- |  |   |
|--|---|
| <b>1 Determine risks</b>                 | <b>1.1</b> Identify, document and analyse technical risks as a basis for risk planning, in consultation with relevant stakeholders and higher technical/engineering authorities                         |
|  | <b>1.2</b> Use established risk management techniques and tools to analyse risks and assess options, in accordance with delegated technical authority   |
|  | <b>1.3</b> Recommend preferred risk approaches to relevant authority to meet task requirements, in accordance with delegated technical authority and organisational procedures                          |
|  | <b>1.4</b> Develop plans, seek stakeholder agreement about plans and communicate plans effectively to ensure clarity of understanding and ongoing management of technical risk factors                  |
|  | <b>1.5</b> Determine designated risk management processes and procedures to enable effective management and communication of risk events, responses and results   |
| <b>2 Monitor and control risk</b>        | <b>2.1</b> Manage activities in accordance with organisational engineering management plan to ensure a common approach to achieving objectives  |
|  | <b>2.2</b> Monitor progress against organisational engineering management plan and risk management plan to identify variances and recommend responses to higher technical authority for remedial action |
|  | <b>2.3</b> Implement agreed risk responses and modify plans to reflect changing project objectives in changing work contexts and environments   |
| <b>3 Assess risk management outcomes</b> | <b>3.1</b> Review outcomes of technical/engineering risk management activities to determine effectiveness of risk management processes and procedures   |
|  | <b>3.2</b> Identify, document and report risk issues and recommend improvements to relevant authorities to inform future applications   |

## Foundation Skills

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

## Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the Companion Volume Implementation Guide.

## Unit Mapping Information

This unit replaces and is equivalent to DEFCM311A Implement and manage technical risk management.

## Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6bdbab1e-11ed-4bc9-9cba-9e1a55d4e4a9>