



Australian Government

MSS80116 Graduate Certificate in Sustainable Operations

Release 1

MSS80116 Graduate Certificate in Sustainable Operations

Modification History

Release 1. Supersedes and is equivalent to MSS70111 Graduate Certificate in Sustainable Operations.

Qualification Description

The MSS80116 Graduate Certificate in Sustainable Operations provides professional development training and recognition to people exercising leadership or change management functions in an organisation on sustainability, including setting of sustainability strategy and leadership and planning for the deployment of the sustainability strategy.

The qualification applies to individuals who have responsibility at a strategy level for improving sustainability within an organisation. Aspects of this responsibility may include regulatory responses, setting and monitoring of sustainability related performance indicators, liaison with stakeholders, including shareholders, employees, value chain members and the local and general community. Target groups include supervisors, managers and technical experts responsible for implementing sustainability improvement strategies and practices in their organisation and/or all or part of the value chain.

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

Entry Requirements

Entrants to the MSS80116 Graduate Certificate in Sustainable Operations should have one or more of the following:

- Advanced Diploma or Diploma in a sustainability related discipline or relevant technical field, or a relevant Certificate IV or Certificate III together with significant relevant vocational practice in a relevant technical field
- a Bachelor Degree in a relevant technical field
- another relevant higher education qualification, often with relevant vocational practice
- relevant extensive vocational practice, without formal qualifications but which result in appropriate entry level skills.

Entrants for the qualification should also possess operational or technical skills related to the organisation seeking sustainability improvements either through prior experience or previous study.

Packaging Rules

To be awarded the MSS80116 Graduate Certificate in Sustainable Operations competency must be achieved in **five (5)** units of competency.

- **two (2)** core units of competency
- **three (3)** elective units of competency, as specified below:
 - a minimum of **two (2)** units from Group A
 - the balance of **one (1)** elective unit, may be selected from:
 - Group A units, not previously selected
 - Group B elective units, listed below.

One (1) elective unit may be selected from this Training Package, other endorsed Training Packages and accredited courses, where that unit is available at Graduate Certificate and Graduate Diploma level.

Note: Units with prerequisite requirements are marked with an asterisk*. Prerequisite units must be counted in the total number of units required for achievement of the qualification. Refer to individual units for details.

Core units of competency

Unit code	Unit title
MSS017001	Analyse and determine organisational risk areas in sustainability
MSS017004	Lead sustainable strategy deployment

Elective units of competency

Group A

Unit code	Unit title
MSS017002	Determine process loss through mass or energy balancing
MSS017003	Identify and respond to external sustainability factors for an organisation
MSS017005	Manage a major sustainability non-conformance
MSS017006	Identify and improve sustainability interactions relations with the community
MSS017007	Design for sustainability
MSS017008	Develop a proactive social sustainability strategy
MSS027002	Apply environmental legislation, codes and standards
MSS407012	Lead a problem solving process to determine and solve root cause

Group B

Unit code	Unit title
MSS407013	Review continuous improvement processes
MSS407001	Prepare for and implement change
MSS407002	Review operations practice tools and techniques
MSS407003	Analyse process changes
MSS407004	Facilitate improvements in the internal value chain
MSS407005	Undertake a qualitative review of a process change
MSS407006	Build relationships between teams in an operations environment
MSS407008	Capture learning from daily activities in an organisation
MSS407009	Facilitate improvements in the external value chain
MSS407010	Improve visual management in the workplace
MSS407011	Manage benchmarking studies
MSS408008	Analyse data for relevance to organisational learning
MSS408001	Develop the competitive systems and practices approach
MSS408002	Audit the use of competitive tools
MSMENV672	Develop workplace policy and procedures for environmental sustainability

Qualification Mapping Information

Release 1. Supersedes and is equivalent to MSS70111 Graduate Certificate in Sustainable Operations.

Links

MSA Training Package Implementation Guides - <http://mskills.org.au/training-packages/info/>