



Australian Government

MSS50122 Diploma of Sustainable Operations

Release: 1

MSS50122 Diploma of Sustainable Operations

Modification History

Release 1. Supersedes and is not equivalent to MSS50118 Diploma of Sustainable Operations. Qualification code changed. Description changed. Packaging rules changed. Elective banks changed. Unit codes and titles updated. Workplace outcome changed.

Qualification Description

This qualification specifies the skills and knowledge required to measure current sustainability performance across an organisation and to establish processes for improved sustainability performance.

It applies to job roles with a focus on sustainability and a managerial or technician level of responsibility, authority and autonomy who will liaise with senior management and other stakeholders to drive and influence change across an organisation.

This qualification has no formal entry requirement due to the wide variety of sustainability applications in industry. However, most enterprises will expect the learner to hold operational or technical skills and experience in a vocational field, and the qualification is not recommended for direct entry from school.

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

Entry Requirements

Nil

Packaging Rules

Total number of units = Sixteen (16)

- Five (5) core units
- Eleven (11) elective units, consisting of:
 - a minimum of seven (7) units from Group A
 - the balance of units, to a maximum of four (4), may be selected from:
 - Group A
 - Group B
 - up to two (2) units from Group C or any endorsed Training Package qualification or accredited course at Diploma level.

All electives chosen must contribute to a valid, industry-supported vocational outcome.

Note: 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

Unit code	Unit title	Prerequisites
MSS015042	Measure and report carbon footprint	
MSS015043	Develop strategies for more sustainable use of resources	
MSS015046	Develop a business case for sustainability improvements	
MSS015047	Develop strategic sustainability plans	
MSS015048	Implement sustainability plans	

ELECTIVE UNITS

Group A

Unit code	Unit title	Prerequisites
MSS014018	Apply circularity design thinking to all work streams	
MSS015040	Conduct a sustainability energy audit	
MSS015044	Design sustainable product or process	
MSS015045	Develop required sustainability reports	
MSS015049	Conduct a sustainable water use audit	
MSS015050	Conduct an emissions audit	
MSS015052	Develop regulated sustainability reports	
MSS015054	Lead circular economy initiatives in the supply chain	
MSS405087	Investigate energy management as a business issue	
MSS405088	Plan, implement and monitor energy management	
MSS405089	Develop a business case for improved energy management	
PMASUP520	Review procedures to minimise environmental impact of process	

Group B

Unit code	Unit title	Prerequisites
MSMENV672	Develop workplace policy and procedures for environmental sustainability	
MSMWHS200	Work safely	
MSS017020	Lead sustainability strategy deployment	
MSS017021	Set strategic direction for circularity	
MSS017022	Establish systemic supports for circularity	
MSS017023	Establish collaborative business arrangements	
MSS025030	Assist with assessing site environmental indicators	MSS024027 Participate in environmental field work
MSS025031	Assess the environmental risk and impact of a project activity or process	MSS024027 Participate in environmental field work
MSS405019	Develop a Balanced Scorecard	
MSS405065	Develop the application of enterprise control systems in an organisation	
MSS405076	Facilitate the development of a new product	MSS404056 Apply statistics to operational processes
TLIX0009X	Employ digital supply chain risk management practices	
TLIX0011X	Establish blockchain in supply chains	
TLIX0012X	Lead digital supply chain implementation	
TLIX0015X	Manage fundamental aspects of supply chains	
MSS405043	Implement improvement systems in an organisation	

Group C

Unit code	Unit title	Prerequisites
BSBSTR502	Facilitate continuous improvement	
BSBPMG536	Manage project risk	
BSBPMG537	Manage project procurement	
BSBPMG538	Manage project stakeholder engagement	
BSBPMG430	Undertake project work	
BSBTWK502	Manage team effectiveness	
MSMSUP390	Use structured problem-solving tools	
MSS014019	Facilitate team engagement with sustainability	
MSS024027	Participate in environmental field work	

Qualification Mapping Information

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Links

Companion Volume Implementation Guides are found in VETNet - -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5b04f318-804f-4dc0-9463-c3fb9a3fe998>