

# Qualification details



## MSS50216 - Diploma of Environmental Monitoring and Technology

### Summary

Releases:	Release	Status	Release date
	1	Current	2016/06/22

Usage recommendation: **Superseded**

Mapping:	Mapping	Notes	Date
	Is superseded by and equivalent to MSS50218 - Diploma of Environmental Monitoring and Technology	Code updated, core units updated, qualification template updated, qualification description simplified.	2018/10/22
	Supersedes and is equivalent to MSS50211 - Diploma of Environmental Monitoring and Technology	Supersedes and is equivalent to MSS50211 Diploma of Environmental Monitoring and Technology	2016/06/22

### Training packages that include this qualification

Code	Title	Release
MSS	Sustainability	1.0

### Units of competency

Code	Title	Essential
BSBWHS409	Assist with workplace monitoring processes	Elective
CPPWMT4001A	Plan waste audits	Elective
CPPWMT4002A	Carry out waste audits	Elective
CUAPHI302	Capture photographic images	Elective
HLTAID003	Provide first aid	Elective
MSL904001	Perform standard calibrations	Elective
MSL924002	Use laboratory application software	Elective
MSL935004	Maintain instruments and equipment	Elective
MSL943002	Participate in laboratory or field workplace safety	Core
MSL952001	Collect routine site samples	Core
MSL954001	Obtain representative samples in accordance with sampling plan	Elective
MSL973001	Perform basic tests	Elective
MSL973002	Prepare working solutions	Elective
MSL973004	Perform aseptic techniques	Elective
MSL973007	Perform microscopic examination	Elective
MSL973012	Perform site investigation activities	Elective
MSL974002	Conduct geotechnical site investigations	Elective
MSL974003	Perform chemical tests and procedures	Elective
MSL974006	Perform biological procedures	Elective
MSL974007	Undertake environmental field-based monitoring	Core

Code	Title	Essential
MSL974009	Undertake field-based, remote-sensing monitoring	Elective
MSL975011	Design and supervise complex environmental field surveys	Elective
MSL975017	Perform laboratory-based ecological techniques	Elective
MSL975023	Supervise geotechnical site investigations	Elective
MSMENV272	Participate in environmentally sustainable work practices	Elective
MSMENV472	Implement and monitor environmentally sustainable work practices	Core
MSS014006	Contribute to sustainability related audits	Elective
MSS015001	Measure and report carbon footprint	Elective
MSS015010	Conduct a sustainable water use audit	Elective
MSS015011	Conduct a sustainability energy audit	Elective
MSS015012	Conduct an emissions audit	Elective
MSS015018	Inform and educate organisation and community representatives on sustainability issues	Elective
MSS024001	Work and communicate effectively as an environmental technician	Elective
MSS024002	Implement environmental management plans and procedures	Core
MSS024003	Apply an understanding of environmental principles to a site	Core
MSS024004	Process and present environmental data	Core
MSS024005	Collect spatial and discrete environmental data	Elective
MSS024006	Perform sampling and testing of water	Elective
MSS024007	Collect and evaluate meteorological data	Elective
MSS024008	Recognise common geological landforms and samples	Elective
MSS024009	Assist with assessing and monitoring stormwater systems	Elective
MSS024010	Perform environmental biological techniques	Elective
MSS024011	Navigate in urban, regional and remote areas	Elective
MSS024012	Undertake simple environmental project activities	Elective
MSS025001	Assist with assessing site environmental indicators	Core
MSS025002	Assess the environmental risk or impact of a project activity or process	Core
MSS025003	Report environmental data	Core
MSS025004	Provide environmental information to customers	Core
MSS025005	Produce site maps	Elective
MSS025006	Collect and evaluate groundwater data	Elective
MSS025007	Perform sampling and testing of soils	Elective
MSS025008	Monitor and evaluate noise	Elective
MSS025009	Perform sampling and testing of air	Elective
MSS025010	Assist with odour source assessment	Elective
MSS025011	Assist with odour field assessment	Elective
MSS025012	Perform environmental microbiological tests	Elective
MSS025013	Assist with assessing and monitoring wetlands	Elective
MSS025014	Perform sampling and testing of contaminated sites	Elective
MSS025015	Plan and conduct environmental project work	Elective
MSS025016	Perform sampling and testing of stationary emissions	Elective
PSPRAD003	Perform basic radiation measurements	Elective
PSPRAD007	Monitor radiation	Elective
PUAWER009B	Participate as a member of a workplace emergency initial response team	Elective
TAEDEL301	Provide work skill instruction	Elective

## Classifications

Scheme	Code	Name
ANZSCO Identifier	311413	Life Science Technician
ASCED Qualification/Course Field of Education Identifier	0301	Manufacturing Engineering And Technology
Qualification/Course Level of Education Identifier	421	Diploma
Taxonomy - Industry Sector	N/A	Environmental Protection
Taxonomy - Occupation	N/A	Environmental Officer, Environmental Compliance Officer (Local Government)

## Classifications history

Scheme	Code	Name	Start date	End date
ANZSCO Identifier	311413	Life Science Technician	2016/10/14	
ASCED Qualification/Course Field of Education Identifier	0301	Manufacturing Engineering And Technology	2016/10/14	
Qualification/Course Level of Education Identifier	421	Diploma	2016/06/22	