

MSS Sustainability
TRAINING PACKAGE
Version 1.00
WA NOMINAL HOURS GUIDE

Introduction

This Guide has been generated to enable the stakeholders in this Industry in Western Australia to participate in the managed implementation of the National MSS Sustainability Training Package.

This Guide is designed to aid Registered Training Organisations (RTOs) to convert from existing Training Package qualifications to new Training Package qualifications within the scope of their training delivery.

The Guide should be read in conjunction with the endorsed components of the Training Package.

Version 1.00 of the MSS Sustainability was released by Training.Gov.Au (TGA) on the 22/06/2016.

Transition Arrangements

Registered Training Organisations (RTOs) are required to deliver Training Package qualifications in accordance with the Standards for RTOs. For further information visit the Training Accreditation Council website www.tac.wa.gov.au.

Nominal Hours

Nominal hours are the hours of training notionally required to achieve the outcomes of units of competency.

Nominal hours are identified for nationally endorsed qualifications. Nominal hours may vary for a qualification depending on the selection of units of competency.

In Western Australia, nominal hours are used as a mechanism for funding allocation.

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Qualifications and Nominal Hours

The following table provides a summary of the qualifications and nominal hours in the industry.

National Code	National Title	Nominal Hours
MSS20316	Certificate II in Competitive Systems and Practices	326
MSS30316	Certificate III in Competitive Systems and Practices	370
MSS40116	Certificate IV in Sustainable Operations	392
MSS40216	Certificate IV in Environmental Monitoring and Technology	820
MSS40316	Certificate IV in Competitive Systems and Practices	490
MSS50116	Diploma of Sustainable Operations	1285
MSS50216	Diploma of Environmental Monitoring and Technology	1410
MSS50316	Diploma of Competitive Systems and Practices	1090
MSS60316	Advanced Diploma of Competitive Systems and Practices	1670
MSS80116	Graduate Certificate In Sustainable Operations	470
MSS80216	Graduate Certificate In Environmental Management	890
MSS80316	Graduate Certificate In Competitive Systems and Practices	280
MSS80416	Graduate Diploma of Competitive Systems and Practices	530

Units of Competency and Nominal Hours

The following table provides a summary of the units of competency and nominal hours in the industry.

National Code	National Title	Nominal Hours
MSS014001	Improve sustainability through readily implementable change	40
MSS014002	Evaluate sustainability impact of a work or process area	40
MSS014003	Optimise sustainability of a process or plant area	60
MSS014004	Develop team strategies for more sustainable use of resources	40
MSS014005	Apply proactive maintenance strategies to sustainability	40
MSS014006	Contribute to sustainability related audits	70
MSS014007	Implement social sustainability in work practices	35
MSS015001	Measure and report carbon footprint	80
MSS015002	Develop strategies for more sustainable use of resources	70
MSS015003	Analyse product life cycle for sustainability	60
MSS015004	Design sustainable product or process	100
MSS015005	Develop required sustainability reports	80
MSS015006	Report to Global Reporting Initiative guidelines	70
MSS015007	Develop a business case for sustainability improvements	50
MSS015008	Develop strategic sustainability plans	100
MSS015009	Implement sustainability plans	50
MSS015010	Conduct a sustainable water use audit	40
MSS015011	Conduct a sustainability energy audit	40
MSS015012	Conduct an emissions audit	40
MSS015013	Conduct a sustainability related transport audit	40
MSS015014	Develop response to sustainability related regulation	80
MSS015015	Evaluate sustainability impact of a process	80
MSS015016	Implement and monitor reengineering for sustainability	80

MSS015017	Develop regulated sustainability reports	70
MSS015018	Inform and educate organisation and community representatives on sustainability issues	50
MSS015019	Establish/review metrics for social sustainability	55
MSS017001	Analyse and determine organisational risk areas in sustainability	80
MSS017002	Determine process loss through mass or energy balancing	70
MSS017003	Identify and respond to external sustainability factors for an organisation	70
MSS017004	Lead sustainable strategy deployment	100
MSS017005	Manage a major sustainability non-conformance	100
MSS017006	Identify and improve sustainability interactions with the community	100
MSS017007	Design for sustainability	100
MSS017008	Develop a proactive social sustainability strategy	70
MSS024001	Work and communicate effectively as an environmental technician	35
MSS024002	Implement environmental management plans and procedures	45
MSS024003	Apply an understanding of environmental principles to a site	140
MSS024004	Process and present environmental data	40
MSS024005	Collect spatial and discrete environmental data	35
MSS024006	Perform sampling and testing of water	80
MSS024007	Collect and evaluate meteorological data	40
MSS024008	Recognise common geological landforms and samples	40
MSS024009	Assist with assessing and monitoring stormwater systems	40
MSS024010	Perform environmental biological techniques	100
MSS024011	Navigate in urban, regional and remote areas	40
MSS024012	Undertake simple environmental project activities	100
MSS025001	Assist with assessing site environmental indicators	160
MSS025002	Assess the environmental risk or impact of a project activity or process	80
MSS025003	Report environmental data	40
MSS025004	Provide environmental information to customers	40
MSS025005	Produce site maps	60

MSS025006	Collect and evaluate groundwater data	60
MSS025007	Perform sampling and testing of soils	80
MSS025008	Monitor and evaluate noise	70
MSS025009	Perform sampling and testing of air	80
MSS025010	Assist with odour source assessment	40
MSS025011	Assist with odour field assessment	45
MSS025012	Perform environmental microbiological tests	80
MSS025013	Assist with assessing and monitoring wetlands	50
MSS025014	Perform sampling and testing of contaminated sites	80
MSS025015	Plan and conduct environmental project work	100
MSS025016	Perform sampling and testing of stationary emissions	60
MSS027001	Coordinate environmental management activities	100
MSS027002	Apply environmental legislation, codes and standards	120
MSS027003	Provide environmental advice to clients	150
MSS027004	Contribute to environmental decision making	80
MSS027005	Contribute to improving environmental performance	80
MSS027006	Coordinate water quality management activities	80
MSS027007	Coordinate air quality management activities	55
MSS027008	Coordinate noise management activities	35
MSS027009	Coordinate site remediation or rehabilitation activities	60
MSS027010	Undertake complex environmental project work	120
MSS027011	Select, commission and maintain environmental monitoring instruments	100
MSS027012	Implement and maintain the site health and safety management system	60
MSS402001	Apply competitive systems and practices	40
MSS402002	Sustain process improvements	40
MSS402010	Manage the impact of change on own work	40
MSS402020	Apply quick changeover procedures	30
MSS402021	Apply Just in Time procedures	30

MSS402030	Apply cost factors to work practices	35
MSS402031	Interpret product costs in terms of customer requirements	30
MSS402040	Apply 5S procedures	30
MSS402041	Apply 5S in an office	30
MSS402050	Monitor process capability	30
MSS402051	Apply quality standards	30
MSS402052	Implement continuous improvements based on standardised work practices	40
MSS402053	Participate in breakthrough improvements in an office	10
MSS402060	Use planning software systems in operations	30
MSS402061	Use SCADA systems in operations	30
MSS402080	Undertake root cause analysis	30
MSS402081	Contribute to the application of a proactive maintenance strategy	30
MSS403001	Review competitive systems and practices	50
MSS403002	Ensure process improvements are sustained	50
MSS403005	Facilitate use of a Balanced Scorecard for performance improvement	40
MSS403006	Facilitate implementation or review of competitive systems and practices in an office	40
MSS403007	Map an office value stream	60
MSS403010	Facilitate change in an organisation implementing competitive systems and practices	50
MSS403011	Facilitate implementation of competitive systems and practices	40
MSS403013	Lead team culture improvement	40
MSS403021	Facilitate a Just in Time system	50
MSS403023	Monitor a levelled pull system of operations	50
MSS403024	Work within a constrained process	30
MSS403030	Improve cost factors in work practices	50
MSS403032	Analyse manual handling processes	50
MSS403033	Map an operational process	60
MSS403034	Organise products into groups	20
MSS403035	Implement the visual workplace	40

MSS403039	Facilitate and improve 5S in an office	50
MSS403040	Facilitate and improve implementation of 5S	50
MSS403041	Facilitate breakthrough improvements	40
MSS403042	Facilitate mistake proofing in an office	40
MSS403043	Facilitate breakthrough improvements in an office	40
MSS403044	Facilitate continuous improvement through the use of standardised procedures and practices	50
MSS403051	Mistake proof an operational process	50
MSS403084	Improve changeovers	40
MSS404050	Undertake process capability improvements	50
MSS404052	Apply statistics to operational processes	40
MSS404053	Use DMAIC techniques	40
MSS404060	Facilitate the use of planning software systems in a work area or team	50
MSS404061	Facilitate the use of SCADA systems in a team or work area	50
MSS404081	Undertake proactive maintenance analyses	50
MSS404082	Assist in implementing a proactive maintenance strategy	50
MSS404083	Support proactive maintenance	50
MSS405001	Develop competitive systems and practices for an organisation	60
MSS405002	Analyse and map a value stream	60
MSS405003	Manage a value stream	60
MSS405004	Develop business plans in an organisation implementing competitive systems and practices	60
MSS405005	Manage competitive systems and practices responding to individual and unique customer orders	60
MSS405006	Develop a Balanced Scorecard	40
MSS405007	Introduce competitive systems and practices to a small or medium enterprise	60
MSS405010	Manage relationships with non-customer external organisations	60
MSS405011	Manage people relationships	60
MSS405012	Manage workplace learning	60
MSS405013	Facilitate holistic culture improvement in an organisation	60
MSS405014	Develop a communications strategy to support operations	50

MSS405020	Develop quick changeover procedures	60
MSS405021	Develop a Just in Time system	60
MSS405022	Design a process layout	80
MSS405023	Develop a levelled pull system for operations and processes	60
MSS405024	Apply the theory of constraints	40
MSS405030	Optimise cost of a product or service	60
MSS405031	Undertake value analysis of product or process costs in terms of customer requirements	60
MSS405032	Analyse cost implications of maintenance strategy	60
MSS405033	Optimise office systems to deliver to customer demand	60
MSS405040	Manage 5S system in an organisation	60
MSS405041	Implement improvement systems in an organisation	60
MSS405050	Determine and improve process capability	60
MSS405052	Design an experiment	80
MSS405053	Manage application of six sigma for process control and improvement	60
MSS405060	Develop the application of enterprise control systems in an organisation	60
MSS405061	Determine and establish information collection requirements and processes	60
MSS405062	Develop a documentation control strategy for an organisation	60
MSS405070	Develop sustainable energy practices	60
MSS405075	Facilitate the development of a new product	60
MSS405081	Develop a proactive maintenance strategy	60
MSS405082	Adapt a proactive maintenance strategy to the process operations sector	60
MSS405083	Adapt a proactive maintenance strategy for a seasonal or cyclical business	60
MSS407001	Prepare for and implement change	70
MSS407002	Review operations practice tools and techniques	70
MSS407003	Analyse process changes	70
MSS407004	Facilitate improvements in the internal value stream	70
MSS407005	Undertake a qualitative review of a process change	70
MSS407006	Build relationships between teams in an operations environment	70

MSS407007	Respond to a major non-conformance	70
MSS407008	Capture learning from daily activities in an organisation	70
MSS407009	Facilitate improvements in the external value stream	70
MSS407010	Improve visual management in the workplace	70
MSS407011	Manage benchmarking studies	70
MSS407012	Lead a process to determine and solve root cause for a complex problem	70
MSS407013	Review continuous improvement processes	70
MSS408001	Develop the competitive systems and practices approach	70
MSS408002	Audit the use of competitive tools	70
MSS408003	Develop models of future state operations practice	70
MSS408004	Develop the value stream	70
MSS408005	Develop knowledge systems and learning processes for an organisation	70
MSS408006	Develop and refine systems for improvement in operations	70
MSS408007	Develop problem solving capability of an organisation	70
MSS408008	Analyse data for relevance to organisational learning	70

Mapping Qualifications

The following table provides an overview of the qualifications from Version 1.00 which replace qualifications from the existing version of the MSS11 Sustainability Training Package.

MSS11 Current Qualification				MSS Replacement Qualification		
National Code	National Title	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
MSS20312	Certificate II in Competitive Systems and Practices	326	E	MSS20316	Certificate II in Competitive Systems and Practices	326
MSS30312	Certificate III in Competitive Systems and Practices	370	E	MSS30316	Certificate III in Competitive Systems and Practices	370
MSS40111	Certificate IV in Sustainable Operations	392	E	MSS40116	Certificate IV in Sustainable Operations	392
MSS40211	Certificate IV in Environmental Monitoring and Technology	820	E	MSS40216	Certificate IV in Environmental Monitoring and Technology	820
MSS40312	Certificate IV in Competitive Systems and Practices	490	E	MSS40316	Certificate IV in Competitive Systems and Practices	490
MSS50112	Diploma of Sustainable Operations	1285	E	MSS50116	Diploma of Sustainable Operations	1285
MSS50211	Diploma of Environmental Monitoring and Technology	1410	E	MSS50216	Diploma of Environmental Monitoring and Technology	1410
MSS50312	Diploma of Competitive Systems and Practices	1090	E	MSS50316	Diploma of Competitive Systems and Practices	1090
MSS60312	Advanced Diploma of Competitive Systems and Practices	1670	E	MSS60316	Advanced Diploma of Competitive Systems and Practices	1670
MSS70111	Graduate Certificate In Sustainable Operations	470	E	MSS80116	Graduate Certificate In Sustainable Operations	470
MSS70211	Graduate Certificate In Environmental Management	890	E	MSS80216	Graduate Certificate In Environmental Management	890
MSS70312	Graduate Certificate In Competitive Systems and Practices	280	E	MSS80316	Graduate Certificate In Competitive Systems and Practices	280
MSS80312	Graduate Diploma of Competitive Systems and Practices	530	E	MSS80416	Graduate Diploma of Competitive Systems and Practices	530

Mapping Units of Competency

The following table provides an overview of the units of competency from Version 1.00 which replace units of competency from the existing version of the MSS11 Sustainability Training Package.

MSS11 Current Unit				MSS Replacement Unit		
National Code	National Title	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
MSS014001A	Improve sustainability through readily implementable change	40	E	MSS014001	Improve sustainability through readily implementable change	40
MSS014002A	Evaluate sustainability impact of a work or process area	40	E	MSS014002	Evaluate sustainability impact of a work or process area	40
MSS014003A	Optimise sustainability of a process or plant area	60	E	MSS014003	Optimise sustainability of a process or plant area	60
MSS014004A	Develop team strategies for more sustainable use of resources	40	E	MSS014004	Develop team strategies for more sustainable use of resources	40
MSS014005A	Apply proactive maintenance strategies to sustainability	40	E	MSS014005	Apply proactive maintenance strategies to sustainability	40
MSS014006A	Contribute to sustainability related audits	70	E	MSS014006	Contribute to sustainability related audits	70
MSS014007A	Implement social sustainability in work practices	35	E	MSS014007	Implement social sustainability in work practices	35
MSS015001A	Measure and report carbon footprint	80	E	MSS015001	Measure and report carbon footprint	80
MSS015002A	Develop strategies for more sustainable use of resources	70	E	MSS015002	Develop strategies for more sustainable use of resources	70
MSS015003A	Analyse product life cycle for sustainability	60	E	MSS015003	Analyse product life cycle for sustainability	60
MSS015004A	Design sustainable product or process	100	E	MSS015004	Design sustainable product or process	100
MSS015005A	Develop required sustainability reports	80	E	MSS015005	Develop required sustainability reports	80
MSS015006A	Report to Global Reporting Initiative guidelines	70	E	MSS015006	Report to Global Reporting Initiative guidelines	70
MSS015007A	Develop a business case for sustainability improvements	50	E	MSS015007	Develop a business case for sustainability improvements	50
MSS015008A	Develop strategic sustainability plans	100	E	MSS015008	Develop strategic sustainability plans	100
MSS015009A	Implement sustainability plans	50	E	MSS015009	Implement sustainability plans	50
MSS015010A	Conduct a sustainable water use audit	40	E	MSS015010	Conduct a sustainable water use audit	40
MSS015011A	Conduct a sustainability energy audit	40	E	MSS015011	Conduct a sustainability energy audit	40
MSS015012A	Conduct an emissions audit	40	E	MSS015012	Conduct an emissions audit	40
MSS015013A	Conduct a sustainability related transport audit	40	E	MSS015013	Conduct a sustainability related transport audit	40
MSS015014A	Develop response to sustainability related regulation	80	E	MSS015014	Develop response to sustainability related regulation	80

MSS015015A	Evaluate sustainability impact of a process	80	E	MSS015015	Evaluate sustainability impact of a process	80
MSS015016A	Implement and monitor reengineering for sustainability	80	E	MSS015016	Implement and monitor reengineering for sustainability	80
MSS015017A	Develop regulated sustainability reports	70	E	MSS015017	Develop regulated sustainability reports	70
MSS015018A	Inform and educate organisation and community representatives on sustainability issues	50	E	MSS015018	Inform and educate organisation and community representatives on sustainability issues	50
MSS015019A	Establish metrics for social sustainability	55	E	MSS015019	Establish/review metrics for social sustainability	55
MSS017001A	Analyse and determine organisational risk areas in sustainability	80	E	MSS017001	Analyse and determine organisational risk areas in sustainability	80
MSS017002A	Determine process loss through mass or energy balancing	70	E	MSS017002	Determine process loss through mass or energy balancing	70
MSS017003A	Identify and respond to external sustainability factors for an organisation	70	E	MSS017003	Identify and respond to external sustainability factors for an organisation	70
MSS017004A	Lead sustainable strategy deployment	100	E	MSS017004	Lead sustainable strategy deployment	100
MSS017005A	Manage a major sustainability non-conformance	100	E	MSS017005	Manage a major sustainability non-conformance	100
MSS017006A	Identify and improve sustainability interactions with the community	100	E	MSS017006	Identify and improve sustainability interactions with the community	100
MSS017007A	Design for sustainability	100	E	MSS017007	Design for sustainability	100
MSS017008A	Develop a proactive social sustainability strategy	70	E	MSS017008	Develop a proactive social sustainability strategy	70
MSS024001A	Work and communicate effectively as an environmental technician	35	E	MSS024001	Work and communicate effectively as an environmental technician	35
MSS024002A	Implement environmental management plans and procedures	45	E	MSS024002	Implement environmental management plans and procedures	45
MSS024003A	Apply an understanding of environmental principles to a site	140	E	MSS024003	Apply an understanding of environmental principles to a site	140
MSS024004A	Process and present environmental data	40	E	MSS024004	Process and present environmental data	40
MSS024005A	Collect spatial and discrete environmental data	35	E	MSS024005	Collect spatial and discrete environmental data	35
MSS024006A	Perform sampling and testing of water	80	E	MSS024006	Perform sampling and testing of water	80
MSS024007A	Collect and evaluate meteorological data	40	E	MSS024007	Collect and evaluate meteorological data	40
MSS024008A	Recognise common geological landforms and samples	40	E	MSS024008	Recognise common geological landforms and samples	40
MSS024009A	Assist with assessing and monitoring stormwater systems	40	E	MSS024009	Assist with assessing and monitoring stormwater systems	40
MSS024010A	Perform environmental biological techniques	100	E	MSS024010	Perform environmental biological techniques	100

MSS024011A	Navigate in urban, regional and remote areas	40	E	MSS024011	Navigate in urban, regional and remote areas	40
MSS024012A	Undertake simple environmental project activities	100	E	MSS024012	Undertake simple environmental project activities	100
MSS025001A	Assist with assessing site environmental indicators	160	E	MSS025001	Assist with assessing site environmental indicators	160
MSS025002A	Assess the environmental risk or impact of a project activity or process	80	E	MSS025002	Assess the environmental risk or impact of a project activity or process	80
MSS025003A	Report environmental data	40	E	MSS025003	Report environmental data	40
MSS025004A	Provide environmental information to customers	40	E	MSS025004	Provide environmental information to customers	40
MSS025005A	Produce site maps	60	E	MSS025005	Produce site maps	60
MSS025006A	Collect and evaluate groundwater data	60	E	MSS025006	Collect and evaluate groundwater data	60
MSS025007A	Perform sampling and testing of soils	80	E	MSS025007	Perform sampling and testing of soils	80
MSS025008A	Monitor and evaluate noise	70	E	MSS025008	Monitor and evaluate noise	70
MSS025009A	Perform sampling and testing of air	80	E	MSS025009	Perform sampling and testing of air	80
MSS025010A	Assist with odour source assessment	40	E	MSS025010	Assist with odour source assessment	40
MSS025011A	Assist with odour field assessment	45	E	MSS025011	Assist with odour field assessment	45
MSS025012A	Perform environmental microbiological tests	80	E	MSS025012	Perform environmental microbiological tests	80
MSS025013A	Assist with assessing and monitoring wetlands	50	E	MSS025013	Assist with assessing and monitoring wetlands	50
MSS025014A	Perform sampling and testing of contaminated sites	80	E	MSS025014	Perform sampling and testing of contaminated sites	80
MSS025015A	Plan and conduct environmental project work	100	E	MSS025015	Plan and conduct environmental project work	100
MSS025016A	Perform sampling and testing of stationary emissions	60	E	MSS025016	Perform sampling and testing of stationary emissions	60
MSS027001A	Coordinate environmental management activities	100	E	MSS027001	Coordinate environmental management activities	100
MSS027002A	Apply environmental legislation, codes and standards	120	E	MSS027002	Apply environmental legislation, codes and standards	120
MSS027003A	Provide environmental advice to clients	150	E	MSS027003	Provide environmental advice to clients	150
MSS027004A	Contribute to environmental decision making	80	E	MSS027004	Contribute to environmental decision making	80
MSS027005A	Contribute to improving environmental performance	80	E	MSS027005	Contribute to improving environmental performance	80
MSS027006A	Coordinate water quality management activities	80	E	MSS027006	Coordinate water quality management activities	80
MSS027007A	Coordinate air quality management activities	55	E	MSS027007	Coordinate air quality management activities	55
MSS027008A	Coordinate noise management activities	35	E	MSS027008	Coordinate noise management activities	35
MSS027009A	Coordinate site remediation or rehabilitation activities	60	E	MSS027009	Coordinate site remediation or rehabilitation activities	60

MSS027010A	Undertake complex environmental project work	120	E	MSS027010	Undertake complex environmental project work	120
MSS027011A	Select, commission and maintain environmental monitoring instruments	100	E	MSS027011	Select, commission and maintain environmental monitoring instruments	100
MSS027012A	Implement and maintain the site OHS management system	60	E	MSS027012	Implement and maintain the site health and safety management system	60
MSS402001A	Apply competitive systems and practices	40	E	MSS402001	Apply competitive systems and practices	40
MSS402002A	Sustain process improvements	40	E	MSS402002	Sustain process improvements	40
MSS402010A	Manage the impact of change on own work	40	E	MSS402010	Manage the impact of change on own work	40
MSS402020A	Apply quick changeover procedures	30	E	MSS402020	Apply quick changeover procedures	30
MSS402021A	Apply Just in Time procedures	30	E	MSS402021	Apply Just in Time procedures	30
MSS402030A	Apply cost factors to work practices	35	E	MSS402030	Apply cost factors to work practices	35
MSS402031A	Interpret product costs in terms of customer requirements	30	E	MSS402031	Interpret product costs in terms of customer requirements	30
MSS402040A	Apply 5S procedures	30	E	MSS402040	Apply 5S procedures	30
MSS402041A	Apply 5S in an office	30	E	MSS402041	Apply 5S in an office	30
MSS402050A	Monitor process capability	30	E	MSS402050	Monitor process capability	30
MSS402051A	Apply quality standards	30	E	MSS402051	Apply quality standards	30
MSS402052A	Implement continuous improvements based on standardised work practices	40	E	MSS402052	Implement continuous improvements based on standardised work practices	40
MSS402053A	Participate in breakthrough improvements in an office	10	E	MSS402053	Participate in breakthrough improvements in an office	10
MSS402060A	Use planning software systems in operations	30	E	MSS402060	Use planning software systems in operations	30
MSS402061A	Use SCADA systems in operations	30	E	MSS402061	Use SCADA systems in operations	30
MSS402080A	Undertake root cause analysis	30	E	MSS402080	Undertake root cause analysis	30
MSS402081A	Contribute to the application of a proactive maintenance strategy	30	E	MSS402081	Contribute to the application of a proactive maintenance strategy	30
MSS403001A	Implement competitive systems and practices	50	E	MSS403001	Review competitive systems and practices	50
MSS403002A	Ensure process improvements are sustained	50	E	MSS403002	Ensure process improvements are sustained	50
MSS403005A	Facilitate use of a Balanced Scorecard for performance improvement	40	E	MSS403005	Facilitate use of a Balanced Scorecard for performance improvement	40
MSS403006A	Facilitate implementation of competitive systems and practices in an office	40	E	MSS403006	Facilitate implementation or review of competitive systems and practices in an office	40

MSS403007A	Map an office value stream	60	E	MSS403007	Map an office value stream	60
MSS403010A	Facilitate change in an organisation implementing competitive systems and practices	50	E	MSS403010	Facilitate change in an organisation implementing competitive systems and practices	50
MSS403011A	Facilitate implementation of competitive systems and practices	40	E	MSS403011	Facilitate implementation of competitive systems and practices	40
MSS403013A	Lead team culture improvement	40	E	MSS403013	Lead team culture improvement	40
MSS403021A	Facilitate a Just in Time system	50	E	MSS403021	Facilitate a Just in Time system	50
MSS403023A	Monitor a levelled pull system of operations	50	E	MSS403023	Monitor a levelled pull system of operations	50
MSS403024A	Work within a constrained process	30	E	MSS403024	Work within a constrained process	30
MSS403030A	Improve cost factors in work practices	50	E	MSS403030	Improve cost factors in work practices	50
MSS403032A	Analyse manual handling processes	50	E	MSS403032	Analyse manual handling processes	50
MSS403033A	Map an operational process	60	E	MSS403033	Map an operational process	60
MSS403034A	Organise products into groups	20	E	MSS403034	Organise products into groups	20
MSS403035A	Implement the visual workplace	40	E	MSS403035	Implement the visual workplace	40
MSS403039A	Facilitate and improve 5S in an office	50	E	MSS403039	Facilitate and improve 5S in an office	50
MSS403040A	Facilitate and improve implementation of 5S	50	E	MSS403040	Facilitate and improve implementation of 5S	50
MSS403041A	Facilitate breakthrough improvements	40	E	MSS403041	Facilitate breakthrough improvements	40
MSS403042A	Facilitate mistake proofing in an office	40	E	MSS403042	Facilitate mistake proofing in an office	40
MSS403043A	Facilitate breakthrough improvements in an office	40	E	MSS403043	Facilitate breakthrough improvements in an office	40
MSS403044A	Facilitate continuous improvement through the use of standardised procedures and practices	50	E	MSS403044	Facilitate continuous improvement through the use of standardised procedures and practices	50
MSS403051A	Mistake proof an operational process	50	E	MSS403051	Mistake proof an operational process	50
MSS403084A	Improve changeovers	40	E	MSS403084	Improve changeovers	40
MSS404050A	Undertake process capability improvements	50	E	MSS404050	Undertake process capability improvements	50
MSS404052A	Apply statistics to operational processes	40	E	MSS404052	Apply statistics to operational processes	40
MSS404053A	Use six sigma techniques	40	E	MSS404053	Use DMAIC techniques	40
MSS404060A	Facilitate the use of planning software systems in a work area or team	50	E	MSS404060	Facilitate the use of planning software systems in a work area or team	50
MSS404061A	Facilitate the use of SCADA systems in a team or work area	50	E	MSS404061	Facilitate the use of SCADA systems in a team or work area	50

MSS404081A	Undertake proactive maintenance analyses	50	E	MSS404081	Undertake proactive maintenance analyses	50
MSS404082A	Assist in implementing a proactive maintenance strategy	50	E	MSS404082	Assist in implementing a proactive maintenance strategy	50
MSS404083A	Support proactive maintenance	50	E	MSS404083	Support proactive maintenance	50
MSS405001A	Develop competitive systems and practices for an organisation	60	E	MSS405001	Develop competitive systems and practices for an organisation	60
MSS405002A	Analyse and map a value stream	60	E	MSS405002	Analyse and map a value stream	60
MSS405003A	Manage a value stream	60	E	MSS405003	Manage a value stream	60
MSS405004A	Develop business plans in an organisation implementing competitive systems and practices	60	E	MSS405004	Develop business plans in an organisation implementing competitive systems and practices	60
MSS405005A	Manage competitive systems and practices responding to individual and unique customer orders	60	E	MSS405005	Manage competitive systems and practices responding to individual and unique customer orders	60
MSS405006A	Develop a Balanced Scorecard	40	E	MSS405006	Develop a Balanced Scorecard	40
MSS405007A	Introduce competitive systems and practices to a small or medium enterprise	60	E	MSS405007	Introduce competitive systems and practices to a small or medium enterprise	60
MSS405010A	Manage relationships with non-customer external organisations	60	E	MSS405010	Manage relationships with non-customer external organisations	60
MSS405011A	Manage people relationships	60	E	MSS405011	Manage people relationships	60
MSS405012A	Manage workplace learning	60	E	MSS405012	Manage workplace learning	60
MSS405013A	Facilitate holistic culture improvement in an organisation	60	E	MSS405013	Facilitate holistic culture improvement in an organisation	60
MSS405014A	Develop a communications strategy to support operations	50	E	MSS405014	Develop a communications strategy to support operations	50
MSS405020A	Develop quick changeover procedures	60	E	MSS405020	Develop quick changeover procedures	60
MSS405021A	Develop a Just in Time system	60	E	MSS405021	Develop a Just in Time system	60
MSS405022A	Design a process layout	80	E	MSS405022	Design a process layout	80
MSS405023A	Develop a levelled pull system for operations and processes	60	E	MSS405023	Develop a levelled pull system for operations and processes	60
MSS405024A	Apply the theory of constraints	40	E	MSS405024	Apply the theory of constraints	40
MSS405030A	Optimise cost of a product or service	60	E	MSS405030	Optimise cost of a product or service	60
MSS405031A	Undertake value analysis of product or process costs in terms of customer requirements	60	E	MSS405031	Undertake value analysis of product or process costs in terms of customer requirements	60
MSS405032A	Analyse cost implications of maintenance strategy	60	E	MSS405032	Analyse cost implications of maintenance strategy	60
MSS405033A	Optimise office systems to deliver to customer demand	60	E	MSS405033	Optimise office systems to deliver to customer demand	60

MSS405040A	Manage 5S system in an organisation	60	E	MSS405040	Manage 5S system in an organisation	60
MSS405041A	Implement improvement systems in an organisation	60	E	MSS405041	Implement improvement systems in an organisation	60
MSS405050A	Determine and improve process capability	60	E	MSS405050	Determine and improve process capability	60
MSS405052A	Design an experiment	80	E	MSS405052	Design an experiment	80
MSS405053A	Manage application of six sigma for process control and improvement	60	E	MSS405053	Manage application of six sigma for process control and improvement	60
MSS405060A	Develop the application of enterprise control systems in an organisation	60	E	MSS405060	Develop the application of enterprise control systems in an organisation	60
MSS405061A	Determine and establish information collection requirements and processes	60	E	MSS405061	Determine and establish information collection requirements and processes	60
MSS405062A	Develop a documentation control strategy for an organisation	60	E	MSS405062	Develop a documentation control strategy for an organisation	60
MSS405070A	Develop and manage sustainable energy practices	60	E	MSS405070	Develop sustainable energy practices	60
MSS405075A	Facilitate the development of a new product	60	E	MSS405075	Facilitate the development of a new product	60
MSS405081A	Develop a proactive maintenance strategy	60	E	MSS405081	Develop a proactive maintenance strategy	60
MSS405082A	Adapt a proactive maintenance strategy to the process operations sector	60	E	MSS405082	Adapt a proactive maintenance strategy to the process operations sector	60
MSS405083A	Adapt a proactive maintenance strategy for a seasonal or cyclical business	60	E	MSS405083	Adapt a proactive maintenance strategy for a seasonal or cyclical business	60
MSS407001A	Prepare for and implement change	70	E	MSS407001	Prepare for and implement change	70
MSS407002A	Review operations practice tools and techniques	70	E	MSS407002	Review operations practice tools and techniques	70
MSS407003A	Analyse process changes	70	E	MSS407003	Analyse process changes	70
MSS407004A	Facilitate improvements in the internal value stream	70	E	MSS407004	Facilitate improvements in the internal value stream	70
MSS407005A	Undertake a qualitative review of a process change	70	E	MSS407005	Undertake a qualitative review of a process change	70
MSS407006A	Build relationships between teams in an operations environment	70	E	MSS407006	Build relationships between teams in an operations environment	70
MSS407007A	Respond to a major non-conformance	70	E	MSS407007	Respond to a major non-conformance	70
MSS407008A	Capture learning from daily activities in a organisation	70	E	MSS407008	Capture learning from daily activities in an organisation	70
MSS407009A	Facilitate improvements in the external value stream	70	E	MSS407009	Facilitate improvements in the external value stream	70
MSS407010A	Improve visual management in the workplace	70	E	MSS407010	Improve visual management in the workplace	70
MSS407011A	Manage benchmarking studies	70	E	MSS407011	Manage benchmarking studies	70

MSS407012A	Lead a problem solving process to determine and solve root cause	70	E	MSS407012	Lead a process to determine and solve root cause for a complex problem	70
MSS407013A	Review continuous improvement processes	70	E	MSS407013	Review continuous improvement processes	70
MSS408001A	Develop the competitive systems and practices approach	70	E	MSS408001	Develop the competitive systems and practices approach	70
MSS408002A	Audit the use of competitive tools	70	E	MSS408002	Audit the use of competitive tools	70
MSS408003A	Develop models of future state operations practice	70	E	MSS408003	Develop models of future state operations practice	70
MSS408004A	Develop the value stream	70	E	MSS408004	Develop the value stream	70
MSS408005A	Develop the learning processes of the operations organisation	70	E	MSS408005	Develop knowledge systems and learning processes for an organisation	70
MSS408006A	Develop and refine systems for continuous improvement in operations	70	E	MSS408006	Develop and refine systems for improvement in operations	70
MSS408007A	Develop problem solving capability of an organisation	70	E	MSS408007	Develop problem solving capability of an organisation	70
MSS408008A	Analyse data for relevance to organisational learning	70	E	MSS408008	Analyse data for relevance to organisational learning	70

Traineeships

The following table provides a summary of the qualifications in the MSS Sustainability Training Package and the accredited traineeship courses they will replace.

MSS11 Current Qualification			MSS Replacement Qualification				
National Code	National Title	Traineeship	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
MSS30312	Certificate III in Competitive Systems and Practices	TR06260: MANUFACTURING EQUIPMENT OPERATION (LEVEL 3)	370	E	MSS30316	Certificate III in Competitive Systems and Practices	370
MSS40312	Certificate IV in Competitive Systems and Practices	TR06250: MANUFACTURING TEAM LEADER (LEVEL 4)	490	E	MSS40316	Certificate IV in Competitive Systems and Practices	490
MSS50312	Diploma in Competitive Systems and Practices	TR10540: COMPETITIVE SYSTEMS AND PRACTICES MANAGER (LEVEL 5)	1090	E	MSS50316	Diploma in Competitive Systems and Practices	1090