MSS SUSTAINABILITY

TRAINING PACKAGE

Version 5

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 5 of the MSS Sustainability was released by Training.Gov.Au (TGA) on the 16/12/2022

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.

Contact Details

For Training Packages content information, please contact:

Training Curriculum Services
Tel: (08) 6551 5541
Email: *trainingpackages@dtwd.wa.gov.au*

Qualifications and Nominal Hours

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

National Code	National Title	Nominal Hours
MSS30322	Certificate III in Competitive Systems and Practices	446
MSS40122	Certificate IV in Sustainable Operations	570
MSS40222	Certificate IV in Environmental Monitoring and Technology	820
MSS40322	Certificate IV in Competitive Systems and Practices	565
MSS50122	Diploma of Sustainable Operations	930
MSS50222	Diploma of Environmental Monitoring and Technology	1410
MSS50322	Diploma of Competitive Systems and Practices	790
MSS80322	Graduate Certificate In Competitive Systems and Practices	280
MSS80422	Graduate Diploma of Competitive Systems and Practices	530

Skill Sets and Nominal Hours

The following table provides a summary of the skill sets and nominal hours in the training package.

National Code	National Title	Nominal Hours
MSSSS00016	Energy Management	170
MSSSS00018	Continuous Improvement Fundamentals	110
MSSSS00019	CSP Fundamentals	185
MSSSS00020	Apply 5S	35
MSSSS00021	Operational Data Analytics	80
MSSSS00022	Visual Management	90
MSSSS00023	Work Standardisation	75
MSSSS00024	Problem-Solving	150
MSSSS00025	Facilitate Team Improvement Activities	90
MSSSS00026	Senior Leadership	195
MSSSS00027	Testing for site contamination	135
MSSSS00028	Lead sustainability improvements	280
MSSSS00029	Contribute to sustainable operations	185
MSSSS00030	Determine energy usage	125
MSSSS00031	Improve energy usage for a work area	100
MSSSS00032	Improve energy usage for a process or organisation	140

Units of Competency and Nominal Hours

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

National Code	National Title	Nominal Hours
MSS014015	Improve sustainability through readily implementable change	45
MSS014016	Evaluate sustainability impact from a work area or process	45
MSS014017	Implement social sustainability in work practices	35
MSS014018	Apply circularity design thinking to all work streams	55
MSS014019	Facilitate team engagement with sustainability	55
MSS014020	Optimise sustainability performance of a work area or process	55
MSS015040	Conduct a sustainability energy audit	40
MSS015042	Measure and report carbon footprint	85
MSS015043	Develop strategies for more sustainable use of resources	80
MSS015044	Design sustainable product or process	90
MSS015045	Develop required sustainability reports	90
MSS015046	Develop a business case for sustainability improvements	55
MSS015047	Develop strategic sustainability plans	90
MSS015048	Implement sustainability plans	45
MSS015049	Conduct a sustainable water use audit	35
MSS015050	Conduct an emissions audit	35
MSS015052	Develop regulated sustainability reports	60
MSS015054	Lead circular economy initiatives in the supply chain	70
MSS017020	Lead sustainability strategy deployment	100
MSS017021	Set strategic direction for circularity	70
MSS017022	Establish systemic supports for circularity	55
MSS017023	Establish collaborative business arrangements	55
MSS024025	Work and communicate effectively as an environmental technician	35

MSS024026	Apply environmental management procedures	50
MSS024027	Participate in environmental field work	125
MSS024028	Process and present environmental data	40
MSS024029	Collect spatial and discrete environmental data	35
MSS024030	Perform sampling and testing of water	80
MSS024031	Collect and evaluate meteorological data	40
MSS024032	Document simple geological information for a site	35
MSS024033	Identify environmentally significant organisms	100
MSS024034	Navigate in urban, regional and remote areas	40
MSS025024	Produce site maps	60
MSS025025	Monitor and evaluate noise	55
MSS025026	Perform sampling and testing of air	80
MSS025028	Assist with assessing and monitoring wetlands	50
MSS025029	Perform sampling and testing for site contamination	80
MSS025030	Assist with assessing site environmental indicators	160
MSS025031	Assess the environmental risk and impact of a project activity or process	80
MSS025032	Report environmental data	80
MSS025033	Provide environmental information to customers	40
MSS025034	Collect and evaluate groundwater data	55
MSS025035	Perform sampling and testing of soils	80
MSS025036	Plan and conduct environmental project work	90
MSS027025	Coordinate environmental management activities	100
MSS027026	Implement environmental legislation, codes and standards	115
MSS402003	Apply competitive systems and practices	40
MSS402004	Sustain process improvements	40
MSS402011	Manage the impact of change on own work	40
MSS402022	Apply quick changeover procedures	30

MSS402023	Apply Just in Time procedures	30
MSS402032	Interpret cost and waste in terms of customer value	30
MSS402042	Apply 5S procedures	35
MSS402054	Monitor process capability	30
MSS402055	Apply quality standards	30
MSS402056	Apply and improve standardised work practices	40
MSS402057	Participate in breakthrough improvements	35
MSS402062	Use SCADA systems in operations	30
MSS402084	Undertake root cause analysis	30
MSS402085	Contribute to the application of a proactive maintenance strategy	30
MSS402086	Use planning software systems in operations	30
MSS402087	Apply cost factors to work practices	35
MSS403003	Contribute to improvements in competitive systems and practices	50
MSS403004	Contribute to Agile work practices	45
MSS403008	Facilitate use of a Balanced Scorecard for performance improvement	40
MSS403009	Facilitate implementation of competitive systems and practices in a service environment	45
MSS403012	Facilitate change in a competitive systems and practices environment	55
MSS403014	Facilitate team engagement with competitive systems and practices	55
MSS403022	Facilitate a Just in Time system	45
MSS403025	Monitor a levelled pull system of operations	50
MSS403026	Work within a constrained process	30
MSS403031	Analyse and improve manual handling processes	50
MSS403036	Identify product groups to inform improvement priorities	20
MSS403037	Implement the visual workplace	35
MSS403045	Facilitate and improve 5S	45
MSS403056	Map an internal value stream	35
MSS403057	Map an operational process	35

MSS403058	Facilitate breakthrough improvements	35
MSS403059	Facilitate continuous improvement through the use of standardised procedures and practices	35
MSS403080	Improve changeovers	40
MSS403081	Ensure process improvements are sustained	50
MSS403082	Improve cost factors in work practices	50
MSS404001	Lead Agile team processes	45
MSS404051	Mistake proof a process	45
MSS404055	Use DMAIC techniques	40
MSS404056	Apply statistics to operational processes	40
MSS404062	Facilitate the use of planning software systems in a work area or team	50
MSS404063	Facilitate the use of SCADA systems in a team or work area	50
MSS404080	Undertake process capability improvements	50
MSS404088	Undertake proactive maintenance analyses	50
MSS404089	Assist in implementing a proactive maintenance strategy	50
MSS404090	Support proactive maintenance	50
MSS405000	Develop competitive systems and practices for operational objectives	55
MSS405017	Develop business plans in an organisation implementing competitive systems and practices	55
MSS405018	Implement competitive systems and practices in a one-off or small batch environment	55
MSS405019	Develop a Balanced Scorecard	40
MSS405025	Analyse and map a value stream	60
MSS405026	Manage a value stream	60
MSS405027	Facilitate a competitive systems and practice culture in an organisation	55
MSS405028	Develop a communications strategy to support operations	50
MSS405029	Develop quick changeover procedures	55
MSS405034	Develop a Just in Time system	55
MSS405035	Design a process layout	80
MSS405037	Facilitate application of theory of constraints	45

MSS405038	Optimise process costs	60
MSS405039	Implement and optimise levelled pull system	55
MSS405042	Manage 5S system in an organisation	55
MSS405043	Implement improvement systems in an organisation	70
MSS405044	Facilitate Agile projects	45
MSS405045	Manage relationships with non-customer external organisations	55
MSS405046	Manage workplace learning	70
MSS405047	Undertake analysis of cost and waste in terms of customer value	55
MSS405055	Manage application of Six Sigma for process control and improvement	55
MSS405056	Use three or six sigma processes to determine and improve process capability	60
MSS405057	Design an experiment	80
MSS405065	Develop the application of enterprise control systems in an organisation	60
MSS405066	Establish data collection and processing protocols	60
MSS405076	Facilitate the development of a new product	70
MSS405077	Develop a proactive maintenance strategy	55
MSS405078	Lead and manage people within competitive systems and practices	70
MSS405087	Investigate energy management as a business issue	55
MSS405088	Plan, implement and monitor energy management	60
MSS405089	Develop a business case for improved energy management	55
MSS405090	Adapt a proactive maintenance strategy to the process operations sector	60
MSS405091	Adapt a proactive maintenance strategy for a seasonal or cyclical business	60
MSS407023	Quantitatively analyse impact of process changes	70
MSS407024	Prepare for and implement change	70
MSS407025	Build internal relationships to support competitive systems and practices	70
MSS407026	Lead a process to determine and solve root cause for a complex problem	70
MSS407029	Improve visual management in the workplace	70
MSS407030	Manage benchmarking studies	70

MSS407031	Review continuous improvement processes	70
MSS407032	Facilitate improvements in the internal value stream	70
MSS407033	Qualitatively review and improve process changes	70
MSS407034	Respond to a major non-conformance	70
MSS408011	Develop knowledge systems and learning processes for an organisation	70
MSS408012	Develop problem solving capability of an organisation	70
MSS408013	Develop best practice model for future state operations	70
MSS408014	Establish systemic supports for competitive systems and practices	70
MSS408015	Develop the competitive systems and practices approach	70
MSS408016	Develop the value stream	55
MSS408017	Analyse and refine improvement systems	70
MSS408018	Analyse data to determine organisational learning	70

Mapping Qualifications

The following table provides an overview of the qualifications from version 5 which replace qualifications from the existing version of the MSS Sustainability Training Package.

Current Qualification				Replacement Qualification		
National Code	National Title	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
MSS30316	Certificate III in Competitive Systems and Practices	370	NE	MSS30322	Certificate III in Competitive Systems and Practices	446
MSS40118	Certificate IV in Sustainable Operations	392	NE	MSS40122	Certificate IV in Sustainable Operations	570
MSS40218	Certificate IV in Environmental Monitoring and Technology	820	E	MSS40222	Certificate IV in Environmental Monitoring and Technology	820
MSS40316	Certificate IV in Competitive Systems and Practices	490	NE	MSS40322	Certificate IV in Competitive Systems and Practices	565
MSS50118	Diploma of Sustainable Operations	1285	NE	MSS50122	Diploma of Sustainable Operations	930
MSS50218	Diploma of Environmental Monitoring and Technology	1410	E	MSS50222	Diploma of Environmental Monitoring and Technology	1410
MSS50316	Diploma of Competitive Systems and Practices	1090	NE	MSS50322	Diploma of Competitive Systems and Practices	790
MSS80316	Graduate Certificate In Competitive Systems and Practices	280	E	MSS80322	Graduate Certificate In Competitive Systems and Practices	280
MSS80416	Graduate Diploma of Competitive Systems and Practices	530	E	MSS80422	Graduate Diploma of Competitive Systems and Practices	530

Mapping Skill Sets

The following table provides an overview of the skill sets from version 5 which replace skill sets from the existing version of the MSS Sustainability Training Package.

Current Skill Set			E / NE	Replacement Skill Set		
National Code	National Title	Nominal Hours		National Code	National Title	Nominal Hours
			-	MSSSS00018	Continuous Improvement Fundamentals	110
			-	MSSSS00019	CSP Fundamentals	185
			-	MSSSS00020	Apply 5S	35
			-	MSSSS00021	Operational Data Analytics	80
			-	MSSSS00022	Visual Management	90
			-	MSSSS00023	Work Standardisation	75
			-	MSSSS00024	Problem-Solving	150
			-	MSSSS00025	Facilitate Team Improvement Activities	90
			-	MSSSS00026	Senior Leadership	195
			-	MSSSS00027	Testing for site contamination	135
			-	MSSSS00028	Lead sustainability improvements	280
			-	MSSSS00029	Contribute to sustainable operations	185
MSSSS00009	Determine energy usage	120	NE	MSSSS00030	Determine energy usage	125
MSSSS00011	Improve energy usage for a work area	95	NE	MSSSS00031	Improve energy usage for a work area	100
MSSSS00017	Improve energy usage for a process or organisation	130	NE	MSSSS00032	Improve energy usage for a process or organisation	140

Mapping Units of Competency

The following table provides an overview of the units of competency from version 5 which replace units of competency from the existing version of the MSS Sustainability Training Package.

Current Unit			E / NE	Replacement Unit		
National Code	National Title	Nominal Hours		National Code	National Title	Nominal Hours
MSS014008	Improve sustainability through readily implementable change	40	NE	MSS014015	Improve sustainability through readily implementable change	45
MSS014009	Evaluate sustainability impact of a work or process area	35	NE	MSS014016	Evaluate sustainability impact from a work area or process	45
MSS014014	Implement social sustainability in work practices	35	NE	MSS014017	Implement social sustainability in work practices	35
			-	MSS014018	Apply circularity design thinking to all work streams	55
MSS014011	Facilitate team to develop and implement sustainability strategies	40	NE	MSS014019	Facilitate team engagement with sustainability	55
MSS014010	Optimise sustainability of a process or work area	60	NE	MSS014020	Optimise sustainability performance of a work area or process	55
MSS015011	Conduct a sustainability energy audit	40	E	MSS015040	Conduct a sustainability energy audit	40
MSS015021	Measure and report carbon footprint of a product or product class	80	NE	MSS015042	Measure and report carbon footprint	85
MSS015022	Develop strategies for more sustainable use of resources	70	NE	MSS015043	Develop strategies for more sustainable use of resources	80
MSS015023	Design sustainable product or process	90	NE	MSS015044	Design sustainable product or process	90
MSS015035	Report to Global Reporting Initiative Standards	70	NE	MSS015045	Develop required sustainability reports	90
MSS015024	Develop required sustainability reports	80	NE	MSS015045	Develop required sustainability reports	90
MSS015025	Develop a business case for sustainability improvements	50	NE	MSS015046	Develop a business case for sustainability improvements	55
MSS015026	Develop strategic sustainability plans	100	NE	MSS015047	Develop strategic sustainability plans	90
MSS015027	Implement sustainability plans	50	NE	MSS015048	Implement sustainability plans	45
MSS015028	Conduct a sustainable water use audit	40	NE	MSS015049	Conduct a sustainable water use audit	35
MSS015030	Conduct an emissions audit	40	NE	MSS015050	Conduct an emissions audit	35

MSS015037	Develop regulated sustainability reports	70	NE	MSS015052	Develop regulated sustainability reports	60
			-	MSS015054	Lead circular economy initiatives in the supply chain	70
MSS017012	Lead sustainable strategy deployment	100	NE	MSS017020	Lead sustainability strategy deployment	100
			-	MSS017021	Set strategic direction for circularity	70
			-	MSS017022	Establish systemic supports for circularity	55
			-	MSS017023	Establish collaborative business arrangements	55
MSS024013	Work and communicate effectively as an environmental technician	35	E	MSS024025	Work and communicate effectively as an environmental technician	35
MSS024014	Implement environmental management plans and procedures	45	NE	MSS024026	Apply environmental management procedures	50
MSS024015	Apply an understanding of environmental principles to a site	140	NE	MSS024027	Participate in environmental field work	125
MSS024016	Process and present environmental data	40	E	MSS024028	Process and present environmental data	40
MSS024017	Collect spatial and discrete environmental data	35	E	MSS024029	Collect spatial and discrete environmental data	35
MSS024018	Perform sampling and testing of water	80	E	MSS024030	Perform sampling and testing of water	80
MSS024019	Collect and evaluate meteorological data	40	E	MSS024031	Collect and evaluate meteorological data	40
MSS024020	Recognise common geological landforms and samples	40	NE	MSS024032	Document simple geological information for a site	35
MSS024022	Perform environmental biological techniques	100	E	MSS024033	Identify environmentally significant organisms	100
MSS024023	Navigate in urban, regional and remote areas	40	E	MSS024034	Navigate in urban, regional and remote areas	40
MSS025005	Produce site maps	60	E	MSS025024	Produce site maps	60
MSS025008	Monitor and evaluate noise	70	NE	MSS025025	Monitor and evaluate noise	55
MSS025009	Perform sampling and testing of air	80	E	MSS025026	Perform sampling and testing of air	80
MSS025013	Assist with assessing and monitoring wetlands	50	E	MSS025028	Assist with assessing and monitoring wetlands	50
MSS025014	Perform sampling and testing of contaminated sites	80	E	MSS025029	Perform sampling and testing for site contamination	80
MSS025017	Assist with assessing site environmental indicators	160	E	MSS025030	Assist with assessing site environmental indicators	160
MSS025018	Assess the environmental risk and impact of a project activity or process	80	E	MSS025031	Assess the environmental risk and impact of a project activity or process	80
MSS025019	Report environmental data	40	E	MSS025032	Report environmental data	80

MSS025020	Provide environmental information to customers	40	E	MSS025033	Provide environmental information to customers	40
MSS025021	Collect and evaluate groundwater data	60	NE	MSS025034	Collect and evaluate groundwater data	55
MSS025022	Perform sampling and testing of soils	80	E	MSS025035	Perform sampling and testing of soils	80
MSS025023	Plan and conduct environmental project work	100	NE	MSS025036	Plan and conduct environmental project work	90
MSS027013	Coordinate environmental management activities	100	NE	MSS027025	Coordinate environmental management activities	100
MSS027014	Apply environmental legislation, codes and standards	120	NE	MSS027026	Implement environmental legislation, codes and standards	115
MSS402001	Apply competitive systems and practices	40	E	MSS402003	Apply competitive systems and practices	40
MSS402002	Sustain process improvements	40	E	MSS402004	Sustain process improvements	40
MSS402010	Manage the impact of change on own work	40	E	MSS402011	Manage the impact of change on own work	40
MSS402020	Apply quick changeover procedures	30	E	MSS402022	Apply quick changeover procedures	30
MSS402021	Apply Just in Time procedures	30	E	MSS402023	Apply Just in Time procedures	30
MSS402031	Interpret product costs in terms of customer requirements	30	E	MSS402032	Interpret cost and waste in terms of customer value	30
MSS402040	Apply 5S procedures	30	E	MSS402042	Apply 5S procedures	35
MSS402041	Apply 5S in an office	30	E	MSS402042	Apply 5S procedures	35
MSS402050	Monitor process capability	30	E	MSS402054	Monitor process capability	30
MSS402051	Apply quality standards	30	E	MSS402055	Apply quality standards	30
MSS402052	Implement continuous improvements based on standardised work practices	40	E	MSS402056	Apply and improve standardised work practices	40
MSS402053	Participate in breakthrough improvements in an office	10	NE	MSS402057	Participate in breakthrough improvements	35
MSS402061	Use SCADA systems in operations	30	E	MSS402062	Use SCADA systems in operations	30
MSS402080	Undertake root cause analysis	30	E	MSS402084	Undertake root cause analysis	30
MSS402081	Contribute to the application of a proactive maintenance strategy	30	E	MSS402085	Contribute to the application of a proactive maintenance strategy	30
MSS402083	Use planning software systems in operations	30	E	MSS402086	Use planning software systems in operations	30
MSS402082	Apply cost factors to work practices	35	E	MSS402087	Apply cost factors to work practices	35
MSS403001	Review competitive systems and practices	50	E	MSS403003	Contribute to improvements in competitive systems and practices	50

				MSS403004	Contribute to Agile work practices	45
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MSS403005	Facilitate use of a Balanced Scorecard for performance improvement	40	E	MSS403008	Facilitate use of a Balanced Scorecard for performance improvement	40
MSS403006	Facilitate implementation or review of competitive systems and practices in an office	40	NE	MSS403009	Facilitate implementation of competitive systems and practices in a service environment	45
MSS403010	Facilitate change in an organisation implementing competitive systems and practices	50	NE	MSS403012	Facilitate change in a competitive systems and practices environment	55
MSS403011	Facilitate implementation of competitive systems and practices	40	NE	MSS403014	Facilitate team engagement with competitive systems and practices	55
MSS403021	Facilitate a Just in Time system	50	NE	MSS403022	Facilitate a Just in Time system	45
MSS403023	Monitor a levelled pull system of operations	50	E	MSS403025	Monitor a levelled pull system of operations	50
MSS403024	Work within a constrained process	30	E	MSS403026	Work within a constrained process	30
MSS403032	Analyse manual handling processes	50	E	MSS403031	Analyse and improve manual handling processes	50
MSS403034	Organise products into groups	20	E	MSS403036	Identify product groups to inform improvement priorities	20
MSS403035	Implement the visual workplace	40	NE	MSS403037	Implement the visual workplace	35
MSS403039	Facilitate and improve 5S in an office	50	NE	MSS403045	Facilitate and improve 5S	45
MSS403040	Facilitate and improve implementation of 5S	50	NE	MSS403045	Facilitate and improve 5S	45
MSS403052	Map an office value stream	60	NE	MSS403056	Map an internal value stream	35
MSS403053	Map an operational process	60	NE	MSS403057	Map an operational process	35
MSS403043	Facilitate breakthrough improvements in an office	40	E	MSS403058	Facilitate breakthrough improvements	35
MSS403054	Facilitate breakthrough improvements	40	E	MSS403058	Facilitate breakthrough improvements	35
MSS403055	Facilitate continuous improvement through the use of standardised procedures and practices	50	NE	MSS403059	Facilitate continuous improvement through the use of standardised procedures and practices	35
MSS403084	Improve changeovers	40	E	MSS403080	Improve changeovers	40
MSS403085	Ensure process improvements are sustained	50	E	MSS403081	Ensure process improvements are sustained	50
MSS403086	Improve cost factors in work practices	50	E	MSS403082	Improve cost factors in work practices	50
			-	MSS404001	Lead Agile team processes	45
MSS403042	Facilitate mistake proofing in an office	40	NE	MSS404051	Mistake proof a process	45

MSS403087	Mistake proof an operational process	50	NE	MSS404051	Mistake proof a process	45
MSS404053	Use DMAIC techniques	40	E	MSS404055	Use DMAIC techniques	40
MSS404054	Apply statistics to operational processes	40	E	MSS404056	Apply statistics to operational processes	40
MSS404060	Facilitate the use of planning software systems in a work area or team	50	E	MSS404062	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	E	MSS404063	Facilitate the use of SCADA systems in a team or work area	50
MSS404084	Undertake process capability improvements	50	E	MSS404080	Undertake process capability improvements	50
MSS404085	Undertake proactive maintenance analyses	50	E	MSS404088	Undertake proactive maintenance analyses	50
MSS404086	Assist in implementing a proactive maintenance strategy	50	E	MSS404089	Assist in implementing a proactive maintenance strategy	50
MSS404087	Support proactive maintenance	50	E	MSS404090	Support proactive maintenance	50
MSS405007	Introduce competitive systems and practices to a small or medium enterprise	60	NE	MSS405000	Develop competitive systems and practices for operational objectives	55
MSS405001	Develop competitive systems and practices for an organisation	60	NE	MSS405000	Develop competitive systems and practices for operational objectives	55
MSS405004	Develop business plans in an organisation implementing competitive systems and practices	60	NE	MSS405017	Develop business plans in an organisation implementing competitive systems and practices	55
MSS405005	Manage competitive systems and practices responding to individual and unique customer orders	60	NE	MSS405018	Implement competitive systems and practices in a one-off or small batch environment	55
MSS405006	Develop a Balanced Scorecard	40	E	MSS405019	Develop a Balanced Scorecard	40
MSS405008	Analyse and map a value stream	60	E	MSS405025	Analyse and map a value stream	60
MSS405009	Manage a value stream	60	E	MSS405026	Manage a value stream	60
MSS405013	Facilitate holistic culture improvement in an organisation	60	NE	MSS405027	Facilitate a competitive systems and practice culture in an organisation	55
MSS405014	Develop a communications strategy to support operations	50	E	MSS405028	Develop a communications strategy to support operations	50
MSS405020	Develop quick changeover procedures	60	NE	MSS405029	Develop quick changeover procedures	55
MSS405021	Develop a Just in Time system	60	NE	MSS405034	Develop a Just in Time system	55
MSS405022	Design a process layout	80	E	MSS405035	Design a process layout	80
MSS405024	Apply the theory of constraints	40	NE	MSS405037	Facilitate application of theory of constraints	45

MSS405030	Optimise cost of a product or service	60	E	MSS405038	Optimise process costs	60
MSS405023	Develop a levelled pull system for operations and processes	60	NE	MSS405039	Implement and optimise levelled pull system	55
MSS405033	Optimise office systems to deliver to customer demand	60	NE	MSS405039	Implement and optimise levelled pull system	55
MSS405040	Manage 5S system in an organisation	60	NE	MSS405042	Manage 5S system in an organisation	55
MSS405041	Implement improvement systems in an organisation	60	NE	MSS405043	Implement improvement systems in an organisation	70
			-	MSS405044	Facilitate Agile projects	45
MSS405015	Manage relationships with non-customer external organisations	60	NE	MSS405045	Manage relationships with non-customer external organisations	55
MSS405016	Manage workplace learning	60	NE	MSS405046	Manage workplace learning	70
MSS407008	Capture learning from daily activities in an organisation	70	NE	MSS405046	Manage workplace learning	70
MSS405031	Undertake value analysis of product or process costs in terms of customer requirements	60	NE	MSS405047	Undertake analysis of cost and waste in terms of customer value	55
MSS405053	Manage application of six sigma for process control and improvement	60	NE	MSS405055	Manage application of Six Sigma for process control and improvement	55
MSS405054	Determine and improve process capability	60	E	MSS405056	Use three or six sigma processes to determine and improve process capability	60
MSS405052	Design an experiment	80	E	MSS405057	Design an experiment	80
MSS405063	Develop the application of enterprise control systems in an organisation	60	E	MSS405065	Develop the application of enterprise control systems in an organisation	60
MSS405064	Determine and establish information collection requirements and processes	60	E	MSS405066	Establish data collection and processing protocols	60
MSS405075	Facilitate the development of a new product	60	NE	MSS405076	Facilitate the development of a new product	70
MSS405081	Develop a proactive maintenance strategy	60	NE	MSS405077	Develop a proactive maintenance strategy	55
MSS405032	Analyse cost implications of maintenance strategy	60	NE	MSS405077	Develop a proactive maintenance strategy	55
MSS405084	Manage people relationships	60	NE	MSS405078	Lead and manage people within competitive systems and practices	70
MSS405082	Adapt a proactive maintenance strategy to the process operations sector	60	E	MSS405090	Adapt a proactive maintenance strategy to the process operations sector	60
MSS405083	Adapt a proactive maintenance strategy for a seasonal or cyclical business	60	E	MSS405091	Adapt a proactive maintenance strategy for a seasonal or cyclical business	60

MSS407003	Analyse process changes	70	NE	MSS407023	Quantitatively analyse impact of process changes	70
MSS407014	Prepare for and implement change	70	NE	MSS407024	Prepare for and implement change	70
MSS407015	Build relationships between teams in an operations environment	70	NE	MSS407025	Build internal relationships to support competitive systems and practices	70
MSS407016	Lead a process to determine and solve root cause for a complex problem	70	E	MSS407026	Lead a process to determine and solve root cause for a complex problem	70
MSS407010	Improve visual management in the workplace	70	NE	MSS407029	Improve visual management in the workplace	70
MSS407011	Manage benchmarking studies	70	E	MSS407030	Manage benchmarking studies	70
MSS407017	Review continuous improvement processes	70	NE	MSS407031	Review continuous improvement processes	70
MSS407019	Facilitate improvements in the internal value stream	70	NE	MSS407032	Facilitate improvements in the internal value stream	70
MSS407020	Undertake a qualitative review of a process change	70	NE	MSS407033	Qualitatively review and improve process changes	70
MSS407021	Respond to a major non-conformance	70	E	MSS407034	Respond to a major non-conformance	70
MSS408005	Develop knowledge systems and learning processes for an organisation	70	NE	MSS408011	Develop knowledge systems and learning processes for an organisation	70
MSS407008	Capture learning from daily activities in an organisation	70	NE	MSS408011	Develop knowledge systems and learning processes for an organisation	70
MSS408007	Develop problem solving capability of an organisation	70	NE	MSS408012	Develop problem solving capability of an organisation	70
MSS408009	Develop models of future state operations practice	70	NE	MSS408013	Develop best practice model for future state operations	70
			-	MSS408014	Establish systemic supports for competitive systems and practices	70
MSS407018	Review operations practice tools and techniques	70	NE	MSS408015	Develop the competitive systems and practices approach	70
MSS408001	Develop the competitive systems and practices approach	70	NE	MSS408015	Develop the competitive systems and practices approach	70
MSS408002	Audit the use of competitive tools	70	NE	MSS408015	Develop the competitive systems and practices approach	70
MSS408004	Develop the value stream	70	NE	MSS408016	Develop the value stream	55
MSS407022	Facilitate improvements in the external value stream	70	NE	MSS408016	Develop the value stream	55

MSS408006	Develop and refine systems for improvement in operations	70	NE	MSS408017	Analyse and refine improvement systems	70
MSS408010	Analyse data for relevance to organisational learning	70	NE	MSS408018	Analyse data to determine organisational learning	70

Apprenticeships

The following table provides a summary of the apprenticeships that have been affected by changes in this MSS Sustainability Training Package update.

Please refer to the current *Register of Class A and B qualifications* found on the Department of Training and Workforce Development website for the official list of apprenticeships in Western Australia.

Current Qualification					Replacement Qualification		
National Code	National Title	Apprenticeship	Nominal Hours	E / NE	National Code	National Title	Nominal Hours

No changes occurred between versions 4.2 and 5.

Traineeships

The following table provides a summary of the traineeships that have been affected by changes in this MSS Sustainability Training Package update.

Please refer to the current *Register of Class A and B qualifications* found on the Department of Training and Workforce Development website for the official list of apprenticeships in Western Australia.

Current Qualification			Nominal Hours	E / NE	Replacement Qualification		Nominal Hours
National Code	National Title	Traineeship			National Code	National Title	
MSS30316	Certificate III in Competitive Systems and Practices	TR06260: MANUFACTURING EQUIPMENT OPERATION (LEVEL 3)	370	NE	MSS30322	Certificate III in Competitive Systems and Practices	446
MSS40316	Certificate IV in Competitive Systems and Practices	TR06250: MANUFACTURING TEAM LEADER (LEVEL 4)	490	NE	MSS40322	Certificate IV in Competitive Systems and Practices	565
MSS50316	Diploma in Competitive Systems and Practices	TR10540: COMPETITIVE SYSTEMS AND PRACTICES MANAGER (LEVEL 5)	1090	NE	MSS50322	Diploma in Competitive Systems and Practices	790

Pre-apprenticeships

The following table provides a summary of the pre-apprenticeships that have been affected by changes in this MSS Sustainability Training Package update.

Please refer to the current *list of pre-apprenticeship courses* found on the Department of Training and Workforce Development website for the official list of pre-apprenticeships in Western Australia.

Current Qualification						Replacement Qualification	
National Code	National Title	Pre-apprenticeship	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
No changes occurred between versions 4.2 and 5.							