

# **MSM MANUFACTURING TRAINING PACKAGE**

**Version 2.1**

**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 MSM Manufacturing 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 2.1 of the MSM Manufacturing Training Package was released by Training.Gov.Au (TGA) on the 12 January 2017.

## **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](http://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**

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## Qualifications and Nominal Hours

The following table provides a summary of the qualifications and nominal hours in version 2.1 of the MSM Manufacturing Training Package.

National Code	National Title	Nominal Hours
MSM10116	Certificate I in Process Manufacturing	288
MSM10216	Certificate I in Manufacturing (Pathways)	270
MSM20116	Certificate II in Process Manufacturing	427
MSM20216	Certificate II in Manufacturing Technology	356
MSM21015	Certificate II in Recreational Vehicle Service and Repair	331
MSM21115	Certificate II in Recreational Vehicle Manufacturing	372
MSM30116	Certificate III in Process Manufacturing	558
MSM30216	Certificate III in Surface Preparation and Coating Application	731
MSM31015	Certificate III in Recreational Vehicle Service and Repair	447
MSM31115	Certificate III in Recreational Vehicle Manufacturing	516
MSM31215	Certificate III in Recreational Vehicle and Accessories Retailing	520
MSM40116	Certificate IV in Process Manufacturing	910
MSM41015	Certificate IV in Recreational Vehicles	744
MSM41115	Certificate IV in Recreational Vehicle and Accessories Retailing	823
MSM50316	Diploma of Production Management	496
MSM51015	Diploma of Recreational Vehicles	286

## Units of Competency and Nominal Hours

The following table provides a summary of the units of competency and nominal hours in v2.1 of the MSM Manufacturing Training Package.

National Code	National Title	Nominal Hours
MSMBLIC001	Licence to operate a standard boiler	40
MSMBLIC002	Licence to operate an advanced boiler	60
MSMENV172	Identify and minimise environmental hazards	20
MSMENV272	Participate in environmentally sustainable work practices	20
MSMENV472	Implement and monitor environmentally sustainable work practices	40
MSMENV672	Develop workplace policy and procedures for environmental sustainability	50
MSMOPS100	Use equipment	30
MSMOPS101	Make measurements	20
MSMOPS102	Perform tasks to support production	30
MSMOPS200	Operate equipment	40
MSMOPS201	Cut polymer materials	20
MSMOPS202	Fabricate polymer products	40
MSMOPS212	Use organisation computers or data systems	26
MSMOPS244	Lay out and cut materials	30
MSMOPS301	Treat corrosion	20
MSMOPS363	Organise on-site work	30
MSMOPS400	Optimise process/plant area	60
MSMOPS401	Trial new process or product	26
MSMOPS601	Design equipment and system modifications	70
MSMPCI101	Adapt to work in industry	18
MSMPCI102	Apply effective work practices	18
MSMPCI103	Demonstrate care and apply safe practices at work	18
MSMPCII295	Operate manufacturing equipment	40

MSMPCII296	Make a small furniture item from timber	40
MSMPCII297	Make an object from cloth using an existing pattern	40
MSMPCII298	Make an object from metal	40
MSMPCII299	Make an object from plastic	40
MSMPER200	Work in accordance with an issued permit	20
MSMPER201	Monitor and control work permits	20
MSMPER202	Observe permit work	20
MSMPER205	Enter confined space	30
MSMPER300	Issue work permits	20
MSMPER400	Coordinate permit process	30
MSMRV310	Fit recreational vehicle floor	35
MSMRV311	Fit furniture in a recreational vehicle	25
MSMRV312	Fit water systems in a recreational vehicle	16
MSMRV313	Fit 12 V cable systems in a recreational vehicle	20
MSMRV314	Construct and fit roof to a recreational vehicle	20
MSMRV315	Construct and fit slide out in a recreational vehicle	25
MSMRV316	Fit appliances in a recreational vehicle	25
MSMRV317	Install solar equipment on a recreational vehicle	20
MSMRV318	Fit cladding to a recreational vehicle	20
MSMRV319	Fit front and rear moulds to a recreational vehicle	10
MSMRV320	Fit windows and doors to a recreational vehicle	25
MSMRV321	Fit required external items to a recreational vehicle	20
MSMRV322	Fit required external electrical components to a recreational vehicle	20
MSMRV323	Fit required internal items to a recreational vehicle	15
MSMRV324	Conduct final quality inspection for a recreational vehicle	20
MSMRV325	Fabricate a chassis and suspension for a recreational vehicle	40
MSMRV350	Remove and replace a recreational vehicle roof	20
MSMRV351	Remove and replace a recreational vehicle floor	35

MSMRV352	Remove and replace a recreational vehicle sidewall cladding	20
MSMRV353	Remove and replace a recreational vehicle shower cubicle	24
MSMRV354	Remove and replace a recreational vehicle shower walls	24
MSMRV355	Remove and replace a camper/pop-top roof	20
MSMRV356	Remove and replace gas struts and roof lifting equipment on a recreational vehicle	10
MSMRV357	Remove and replace external components of a recreational vehicle	20
MSMRV358	Modify the body of a recreational vehicle	35
MSMRV359	Install additional appliances in a recreational vehicle	20
MSMRV360	Service camper wind up systems	10
MSMRV361	Repair dry rot in a recreational vehicle	25
MSMRV362	Install and repair battery systems in a recreational vehicle	15
MSMRV363	Complete pre-delivery check of a recreational vehicle	15
MSMRV364	Hand over a recreational vehicle to a customer	15
MSMRV365	Remove and refit body moulding	10
MSMRV366	Fit transfers and decals to a recreational vehicle	10
MSMRVG201	Tow a recreational vehicle safely	10
MSMRVS202	Repair/service LPG systems in a recreational vehicle	25
MSMRVS401	Assess and quote to service a recreational vehicle	35
MSMRVT201	Apply technical knowledge of recreational vehicle manufacturing to work activities	20
MSMSUP100	Apply workplace context to own job	26
MSMSUP101	Clean workplace or equipment	26
MSMSUP102	Communicate in the workplace	26
MSMSUP106	Work in a team	26
MSMSUP200	Achieve work outcomes	52
MSMSUP204	Pack products or materials	26
MSMSUP205	Transfer loads	26
MSMSUP210	Process and record information	13
MSMSUP230	Monitor process operations	26

MSMSUP240	Undertake minor maintenance	26
MSMSUP273	Handle goods	30
MSMSUP280	Manage conflict at work	20
MSMSUP291	Participate in continuous improvement	26
MSMSUP292	Sample and test materials and product	40
MSMSUP300	Identify and apply process improvements	40
MSMSUP301	Apply HACCP to the workplace	30
MSMSUP303	Identify equipment faults	26
MSMSUP309	Maintain and organise workplace records	26
MSMSUP310	Contribute to the development of workplace documentation	30
MSMSUP330	Develop and adjust a production schedule	30
MSMSUP382	Provide coaching/mentoring in the workplace	40
MSMSUP383	Facilitate a team	20
MSMSUP390	Use structured problem-solving tools	40
MSMSUP400	Develop and monitor quality systems	50
MSMSUP404	Coordinate maintenance	26
MSMSUP405	Identify problems in fluid power system	40
MSMSUP406	Identify faults in electronic control	40
MSMTMINS301	Inspect a range of simple measures	30
MSMTMINS302	Inspect a range of simple measuring instruments	30
MSMTMINS401	Inspect a range of weighing instruments	60
MSMTMINS402	Inspect liquid measuring instruments using volume measures	60
MSMTMINS403	Inspect a range of trading practices	50
MSMTMINS404	Inspect a range of pre-packaged products	60
MSMTMINS501	Inspect a range of complex measuring instruments	60
MSMTMREF301	Use and maintain reference standards	20
MSMTMVER301	Verify simple measures	30
MSMTMVER302	Verify simple measuring instruments	30

MSMTMVER401	Verify weighing instruments	60
MSMTMVER402	Verify liquid measuring instruments using volume measures	60
MSMTMVER403	Verify inspector's class reference standards	50
MSMTMVER501	Verify complex measuring instruments	50
MSMWHS100	Follow WHS procedures	26
MSMWHS110	Follow emergency response procedures	26
MSMWHS200	Work safely	26
MSMWHS201	Conduct hazard analysis	20
MSMWHS205	Control minor incidents	26
MSMWHS210	Undertake first response to non-fire incidents	26
MSMWHS212	Undertake first response to fire incidents	26
MSMWHS216	Operate breathing apparatus	20
MSMWHS217	Gas test atmospheres	30
MSMWHS218	Control the risks of falls	20
MSMWHS300	Facilitate the implementation of WHS for a work group	40
MSMWHS400	Contribute to WHS management system	60
MSMWHS401	Assess risk	60
MSMWHS503	Maintain WHS management system	50
MSMWHS510	Manage risk	50
MSMWHS601	Develop WHS management system	60
MSMWJ201	Use high pressure water jetting equipment	55
MSMWJ301	Operate a high pressure water jetting system	55
MSMWJ302	Operate a drain cleaning system	35
MSMWJ303	Operate a vacuum loading system	35



## Mapping Qualifications

The following table provides an overview of the qualifications from Version 2.1 which replace qualifications from the existing version of the Training Package.

v2 Current Qualification					V2.1 Replacement Qualification	
National Code	National Title	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
	No changes occurred between version 2 and 2.1					

## Mapping Units of Competency

The following table provides an overview of the units of competency from Version 2.1 which replace units of competency from the existing version of the Training Package.

v2 Current Unit				v2.1 Replacement Unit		
National Code	National Title	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
	No changes occurred between version 2 and 2.1					