



Australian Government

MSM20116 Certificate II in Process Manufacturing

Release 2

MSM20116 Certificate II in Process Manufacturing

Modification History

Release 2. Imported units updated to current versions. Equivalent.

Release 1. Units updated. Supersedes and is equivalent to Supersedes MSA20107 Certificate II in Process Manufacturing.

Qualification Description

The MSM20116 Certificate II in Process Manufacturing provides the competencies required by competent production workers who undertake vital production support roles directly related to producing products. Production workers apply a breadth and depth of knowledge to a defined range of situations and would be expected to apply this knowledge to solve a defined range of problems by applying known solutions to a limited range of predictable problems.

This qualification has been developed for use across the three process manufacturing sectors:

- chemical, hydrocarbons and refining
- plastics, rubber and cabling
- manufactured mineral products.

Entry Requirements

There are no entry requirements for this qualification.

Packaging Rules

To be awarded the MSM20116 Certificate II in Process Manufacturing, competency must be achieved in **fourteen (14)** units of competency:

- **three (3)** core units of competency
- **eleven (11)** elective units of competency, **four (4)** of which can be selected from this Training Package, other endorsed Training Packages and accredited courses, as specified below.

Note: Where prerequisite units are identified they must be counted in the total number of units required for achievement of the qualification.

Core units

Unit code	Unit title	
MSMENV272	Participate in environmentally sustainable work practices	
MSMWHS200	Work safely	
MSMSUP210	Process and record information	
Elective units		
Unit code	Unit title	Prerequisites
FWPCOT2238	Cut materials with a hand-held chainsaw	
LMTGN2008	Coordinate work of team/section	
HLTAID003	Provide first aid	
MEM16006A	Organise and communicate information	
MEM16007A	Work with others in a manufacturing, engineering or related environment	
MEM16008A	Interact with computing technology	
MEM18001C	Use hand tools	
MEM18002B	Use power tools/hand held operations	

MSMENV172	Identify and minimise environmental hazards	
MSMOPS100	Use equipment	
MSMOPS101	Make measurements	
MSMOPS102	Perform tasks to support production	
MSMOPS200	Operate equipment	
MSMOPS201	Cut polymer materials	
MSMOPS202	Fabricate polymer materials	
MSMOPS212	Use organisation computers or data systems	
MSMOPS244	Layout and cut materials	
MSMPER200	Work in accordance with an issued permit	
MSMPER201	Monitor and control work permits	
MSMPER202	Observe permit work	
MSMPER205	Enter confined space	MSMPER200
MSMSUP100	Apply workplace context to own job	
MSMSUP101	Clean workplace or equipment	
MSMSUP106	Work in a team	
MSMSUP200	Achieve work outcomes	
MSMSUP204	Pack products or materials	
MSMSUP205	Transfer loads	
MSMSUP230	Monitor process operations	
MSMSUP240	Undertake minor maintenance	
MSMSUP273	Handle goods	
MSMSUP280	Manage conflict at work	
MSMSUP291	Participate in continuous improvement	
MSMSUP292	Sample and test materials and product	

MSMWHS100	Follow WHS procedures	
MSMWHS110	Follow emergency response procedures	
MSMWHS201	Conduct hazard analysis	
MSMWHS205	Control minor incidents	
MSMWHS210	Undertake first response to non-fire incidents	
MSMWHS212	Undertake first response to fire incidents	
MSMWHS216	Operate breathing apparatus	
MSMWHS217	Gas test atmospheres	
MSMWHS218	Control the risks of falls	
MSS402002	Sustain process improvements	
MSS402020	Apply quick changeover procedures	
MSS402021	Apply Just in Time procedures	
MSS402030	Apply cost factors to work practices	
MSS402040	Apply 5S procedures	
MSS402050	Monitor process capability	
MSS402051	Apply quality standards	
MSS402060	Use planning software systems in operations	
MSS402080	Undertake root cause analysis	
PMBHAN103	Shift materials safely by hand	
TLID2010	Operate a forklift	

Elective units may also be chosen from the Group A or Group B units in PMA20116, PMB20107 and PMC20110.

A maximum of **four (4)** relevant units may be selected from this Training Package, other endorsed Training Packages and accredited courses, where those units are packaged in a Certificate II or III. Note: a maximum of **two (2)** units may be chosen from a Certificate III.

Qualification Mapping Information

Release 2. Imported units updated to current versions. Equivalent.

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Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=d1287d36-dff4-4e9f-ad2c-9d6270054027>