



**Australian Government**

# **MSM30318 Certificate III in Manufactured Mineral Products**

**Release 3**

## MSM30318 Certificate III in Manufactured Mineral Products

### Modification History

Release 3. Imported units updated to current versions. Equivalent.

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

Release 1. New qualification. Supersedes and is equivalent to PMC30116 Certificate III in Manufactured Mineral Products, change to packaging rules.

### Qualification Description

This qualification reflects the role of operators who perform a range of operations to directly produce manufactured mineral products for industry, including cement, pre-cast concrete, pre-mixed concrete, quarry and asphalt.

The operator will be able to work independently and to apply theoretical and technical knowledge and well-developed skills to undertake operations and exercise judgement in areas such as start-up and shutdown procedures and quality assurance.

The operator will be able to apply product and process knowledge to anticipate and solve a range of routine and non-routine problems. This includes developing solutions to new problems which do not have a known or recorded solution in procedures.

No licensing, legislative, regulatory or certification requirements apply to this qualification at the time of publication.

### Entry Requirements

There are no entry requirements for this qualification.

### Packaging Rules

Total number of units = 18

- 5 core units
- 13 elective units, consisting of:
  - a maximum of 1 unit from Group A Measurements
  - up to 4 units from any endorsed Training Package or accredited course – these units must be relevant to the work outcome

All electives chosen must contribute to a valid, industry-supported vocational outcome.

### Core

Unit code	Unit title
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MSMENV272	Participate in environmentally sustainable work practices	
MSMWHS200	Work safely	
MSMSUP100	Apply workplace context to own job	
MSMSUP101	Clean workplace or equipment	
MSMSUP102	Communicate in the workplace	
<b>Electives</b>		
<b>Group A Measurements</b>		
<b>Unit code</b>	<b>Unit title</b>	<b>Prerequisites</b>
MSMOPS101	Make measurements	
PMAOPS101	Read dials and indicators	
<b>Other electives</b>		
<b>Unit code</b>	<b>Unit title</b>	<b>Prerequisites</b>
CPCCCM1016	Identify requirements for safe tilt-up work	
MEM09002B	Interpret technical drawing	
MSAPMSUP201A	Receive or despatch goods	
MSMOPS200	Operate equipment	
MSMOPS212	Use organisation computers or data systems	
MSMPMC200	Organise self	
MSMPMC300	Produce structural precast concrete	
MSMPMC301	Store materials for production	
MSMPMC302	Operate equipment to blend/mix materials	
MSMPMC303	Operate grinding equipment	
MSMPMC304	Prepare for production	

MSMPMC305	Heat accelerate the curing of precast concrete	
MSMPMC306	Operate crushing equipment	
MSMPMC307	Operate a calcining kiln	
MSMPMC313	Schedule, cut and bend reinforcement	
MSMPMC314	Finish green concrete products	
MSMPMC315	Cast moulded concrete products	
MSMPMC316	Finish cured concrete products	
MSMPMC317	Conduct benching operations	
MSMPMC318	Assemble, fabricate and place reinforcement	
MSMPMC319	Finish casting operation	
MSMPMC320	Demould concrete products	
MSMPMC321	Batch mix concrete	
MSMPMC322	Deliver concrete to site	
MSMPMC323	Prepare asphalt	
MSMPMC324	Move materials	
MSMPMC325	Operate bulk materials handling equipment	
MSMPMC326	Deliver customer service	
MSMPMC327	Allocate and complete team tasks	
MSMPMC328	Prepare for and apply shotcrete for installation	
MSMPMC329	Prepare moulds and dies	
MSMPMC330	Produce architectural precast concrete	
MSMPMC400	Carry out stock control	
MSMPMC401	Set up and tune a process	
MSMPMC402	Process raw meal into product	MSMPMC307 Operate a calcining kiln

MSMSUP106	Work in a team	
MSMSUP200	Achieve work outcomes	
MSMSUP210	Process and record information	
MSMSUP240	Undertake minor maintenance	
MSMSUP280	Manage conflict at work	
MSMSUP330	Develop and adjust a production schedule	
MSMWHS300	Facilitate the implementation of WHS for a work group	MSMWHS200 Work safely
MSS402040	Apply 5S procedures	
MSS402051	Apply quality standards	
RIIMPO304E	Conduct wheel loader operations	

## Qualification Mapping Information

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## Links

Companion Volume Implementation Guides are available at VETNet -

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