

PMC10 MANUFACTURED MINERAL PRODUCTS TRAINING PACKAGE

VERSION 1.1

WA NOMINAL HOURS GUIDE

Introduction

This Guide has been generated to enable the stakeholders in the industry in Western Australia to participate in the managed implementation of the National PMC10 Manufactured Mineral Products 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 1.1 of the PMC10 Manufactured Mineral Products Training Package was released by Training.Gov.Au (TGA) on the 29 April 2014

Transition Arrangements

Registered Training Organisations (RTOs) are required to deliver Training Package qualifications within 12 months of the release date of the Training Package on to Training.gov.au (TGA).

Students currently enrolled in an existing version of the Training Package qualification should be permitted to complete the program they enrolled in initially, unless the move to the related qualification from a Training Package can be made without disadvantage to a student.

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 1.1 of the PMC10 Manufactured Mineral Products Training Package

National Code	National Title	Nominal Hours
PMC20110	Certificate II in Manufactured Mineral Products	480
PMC30110	Certificate III in Manufactured Mineral Products	741
PMC40110	Certificate IV in Manufactured Mineral Products	872
PMC50110	Diploma of Manufactured Mineral Products	467
PMC60110	Advanced Diploma of Manufactured Mineral Products	787
PMC70110	Graduate Certificate In Refractories Engineering	421

Units of Competency and Nominal Hours

The following table provides a summary of the units of competency and nominal hours in version 1.1 of the PMC10 Manufactured Mineral Products Training Package.

National Code	National Title	Nominal Hours
PMC552002C	Operate equipment to blend/mix materials	30
PMC552003C	Operate grinding equipment	40
PMC552004C	Prepare for production	20
PMC552005C	Process greenware/green products	20
PMC552006C	Operate an autoclave	20
PMC552007B	Heat accelerate the curing of precast concrete	60
PMC552008B	Operate crushing equipment	40
PMC552010C	Operate a calcining kiln	40
PMC552020C	Operate slip casting equipment	30
PMC552021C	Operate manual glazing equipment	30
PMC552022C	Prepare materials for clay and ceramic production	30
PMC552023C	Finish products after firing	20
PMC552024C	Hand mould products	30
PMC552030C	Operate a firing kiln	30
PMC552031C	Operate extrusion equipment	30
PMC552032C	Operate pressing equipment	30
PMC552040C	Operate glass melting process	50
PMC552041C	Operate process ovens	40
PMC552042C	Operate blown insulation equipment	50
PMC552043C	Operate float forming equipment	50
PMC552044C	Operate fibre forming equipment	50
PMC552045C	Operate container forming equipment	40
PMC552046C	Operate glass printing equipment	40
PMC552047C	Operate primary annealing equipment	50
PMC552048C	Operate glass finishing equipment	40
PMC552049C	Operate on-line stacking and assembly equipment	40
PMC552050C	Schedule, cut and bend reinforcement	40
PMC552051C	Finish green concrete products	40
PMC552052C	Cast moulded concrete products	40
PMC552053C	Finish cured concrete products	40
PMC552054C	Spin concrete pipes	40
PMC552055C	Conduct benching operations	40
PMC552056B	Assemble, fabricate and place reinforcement	30
PMC552057B	Finish casting operation	20

National Code	National Title	Nominal Hours
PMC552058B	Demould concrete products	20
PMC552060C	Batch mix concrete	30
PMC552061C	Deliver concrete to site	30
PMC552065B	Prepare asphalt	40
PMC552070B	Operate forming equipment	40
PMC552071B	Operate wet and dry end equipment	0
PMC552072B	Produce fibrous plasterboard	30
PMC552090B	Use and maintain tools and equipment for refractory operations	30
PMC552091B	Prepare for, install and repair refractory brickwork/blockwork	40
PMC552092B	Prepare for and install mouldable refractory materials	40
PMC552093B	Prepare for and cast refractory materials	40
PMC552094B	Prepare for and apply shotcrete for installation	40
PMC552095B	Prepare for, install and repair ceramic fibre	40
PMC553000C	Set up and tune a process	40
PMC553010C	Process raw meal into product	50
PMC553020C	Prepare moulds and dies	40
PMC553021C	Set up and tune glazing equipment	50
PMC553040C	Set up and optimise glass forming process	80
PMC553041C	Set up and optimise glass furnace process	80
PMC553042C	Set up and optimise secondary process	40
PMC553050C	Produce architectural precast concrete	50
PMC553051B	Produce structural precast concrete	60
PMC553070B	Design and construct moulds for fibrous plaster products	40
PMC553072B	Model fibrous plaster products	60
PMC553080B	Set up and optimise finishing process	30
PMC554020D	Design and prepare models, moulds and dies	40
PMC554090B	Undertake simple refractory design	40
PMC554091B	Analyse refractory failures	30
PMC555030C	Analyse equipment performance	50
PMC555031B	Choose materials for an application	50
PMC556031C	Design structural/mechanical components	0
PMC557001A	Manage trials	35
PMC557090A	Select refractory materials for an application	45
PMC557091A	Design a refractory lining	45
PMC557092A	Specify and interpret refractory tests	35
PMC557093A	Design a refractory/ceramic component	35
PMC557094A	Investigate refractory failures	35
PMC557095A	Specify and monitor the installation of monolithic/castable refractories	35
PMC557096A	Specify and monitor the installation of block/precast refractories	35
PMC557097A	Specify and monitor repairs to refractory installations	35
PMC557098A	Specify refractory installation systems	35

National Code	National Title	Nominal Hours
PMC561072C	Store materials for production	15
PMC561080B	Organise self	15
PMC562070B	Move materials	40
PMC562071C	Operate bulk materials handling equipment	40
PMC562075B	Maintain kiln refractory	20
PMC562081B	Deliver customer service	20
PMC562083C	Allocate and complete team tasks	20
PMC563081C	Carry out stock control	20

Mapping Qualifications

The following table provides an overview of the qualifications from version 1.1 which replace qualifications from the existing version of the PMC10 Manufactured Mineral Products Training Package

v1.0 Current Qualification			v1.1 Replacement Qualification		
National Code	National Title	Hours	National Code	National Title	Hours
	No changes occurred between version 1.0 and 1.1				

Mapping Units of Competency

The following table provides an overview of the units of competency from version 1.1 which are replaced by the units of competency from the existing version of the PMC10 Manufactured Mineral Products Training Package.

National Code	v1.0 Current Unit		v1.1 Replacement Unit		
	National Title	Hours	National Code	National Title	Hours
	No changes occurred between version 1.0 and 1.1				