

Packaging for a Streamed Qualification

**Certificate II in Manufactured Mineral Products PMA20104
(Cement)**

Choose this unit:

Unit Code	Unit Title
PMCOPS201B	Operate a rotary kiln

and then at least one of:

Unit Code	Unit Title
PMCOPS201C	Operate a unit of equipment
PMCOPS202C	Operate equipment to blend/mix materials
PMCOPS203C	Operate grinding equipment
PMCOPS204C	Prepare for production

**Certificate III in Manufactured Mineral Products PMA30104
(Cement)**

Choose this unit:

Unit Code	Unit Title
PMCOPS301B	Process raw meal into product

**Certificate II in Manufactured Mineral Products PMA20104
(Ceramic)**

Choose at least one unit: from:

Unit Code	Unit Title
PMCOPS220B	Operate slip casting equipment
PMCOPS221B	Operate manual glazing equipment
PMCOPS222B	Prepare raw materials for clay and ceramic production
PMCOPS223B	Finish products after firing
MCOPS224B	Hand mould products
PMCOPS230B	Operate a firing kiln
PMCOPS231B	Operate extrusion equipment
PMCOPS232B	Operate pressing equipment

You may also choose from:

Unit Code	Unit Title
PMCOPS201C	Operate a unit of equipment
PMCOPS202C	Operate equipment to blend/mix materials
PMCOPS203C	Operate grinding equipment
PMCOPS204C	Prepare for production
PMCOPS205B	Process greenware/green products
PMCOPS206B	Operate an autoclave

**Certificate III in Manufactured Mineral Products PMA30104
(Ceramics)**

Choose at least one unit from:

Unit Code	Unit Title
PMCOPS320B	Design and prepare models, moulds and dies
PMCOPS321B	Set up and tune glazing equipment

**Certificate II in Manufactured Mineral Products PMA20104
(Clay Products)**

Choose at least one unit from:

Unit Code	Unit Title
PMCOPS230B	Operate a firing kiln
PMCOPS231B	Operate extrusion equipment
PMCOPS232B	Operate pressing equipment
PMCOPS221B	Operate manual glazing equipment
PMCOPS222B	Prepare raw materials for clay and ceramic production

and you may also choose from:

Unit Code	Unit Title
PMCOPS201C	Operate a unit of equipment
PMCOPS202C	Operate equipment to blend/mix materials
PMCOPS203C	Operate grinding equipment
PMCOPS204C	Prepare for production
PMCOPS205B	Process greenware/green products

**Certificate III in Manufactured Mineral Products PMA30104
(Clay Products)**

Choose this unit:

Unit Code	Unit Title
PMCOPS300B*	Set up and tune a process

***with the prerequisites chosen from the list above**

**Certificate II in Manufactured Mineral Products PMA20104
(Concrete Products)**

Choose at least one unit from:

Unit Code	Unit Title
PMCOPS250B	Schedule, cut and bend reinforcement
PMCOPS251B	Finish green concrete products
PMCOPS252B	Cast moulded concrete products
PMCOPS253B	Finish cured concrete products
PMCOPS254B	Spin concrete pipes
PMCOPS255B	Conduct benching operations
PMCOPS256A	Assemble, fabricate and place reinforcement
PMCOPS257A	Finish casting operation
PMCOPS258A	Demould concrete products
PMCOPS260B	Batch mix concrete
PMCOPS231B	Operate extrusion equipment
PMCOPS232B	Operate pressing equipment
PMCOPS221B	Operate manual glazing equipment

and you may also choose from:

Unit Code	Unit Title
PMCOPS201C	Operate a unit of equipment
PMCOPS204C	Prepare for production
PMCOPS205B	Process greenware/green products

Certificate III in Manufactured Mineral Products PMA30104

(Concrete Products)

Choose at least one unit from:

Unit Code	Unit Title
PMCOPS350B	Product architectural precast concrete
PMCOPS351A	Product structural precast concrete

Certificate II in Manufactured Mineral Products PMA20104

(Glass)

Choose at least one unit from:

Unit Code	Unit Title
PMCOPS240B	Operate melting process
PMCOPS241B	Operate process ovens
PMCOPS242B	Operate blown insulation equipment
PMCOPS243B	Operate float forming equipment
PMCOPS244B	Operate fibre forming equipment
PMCOPS245B	Operate container forming equipment
PMCOPS246B	Operate glass printing equipment
PMCOPS247B	Operate primary annealing equipment
PMCOPS248B	Operate glass finishing equipment
PMCOPS249B	Operate online stacking and assembly equipment

and you may also choose from:

Unit Code	Unit Title
PMCOPS201C	Operate a unit of equipment
PMCOPS202C	Operate equipment to blend/mix materials
PMCOPS203C	Operate grinding equipment
PMCOPS204C	Prepare for production
PMCOPS206B	Operate an autoclave

**Certificate III in Manufactured Mineral Products PMA30104
(Glass)**

Choose at least one unit from:

Unit Code	Unit Title
PMCOPS340B	Set up and optimise glass forming process
PMCOPS341B	Set up and optimise glass furnace processes
PMCOPS342B	Set up and optimise secondary process

**Certificate II in Manufactured Mineral Products PMA20104
(Premixed Concrete)**

Choose at least one unit from:

Unit Code	Unit Title
PMCOPS260B	Batch mix concrete
PMCOPS261B	Deliver concrete to site

and you may also choose from:

Unit Code	Unit Title
PMCOPS201C	Operate a unit of equipment
PMCOPS204C	Prepare for production

**Certificate III in Manufactured Mineral Products PMA30104
(Premixed Concrete)**

Choose this unit:

Unit Code	Unit Title
PMCOPS300B*	Set up and tune a process

***with the prerequisites chosen from the list above**

Suggested packaging for other sectors

The asphalt sector should choose from:

Unit Code	Unit Title
PMCOPS265A	Prepare asphalt

The plaster sector should choose from:

Unit Code	Unit Title
PMCOPS270A	Operate forming equipment
PMCOPS271A	Operate wet and dry end equipment

The fibre cement sector should choose from:

Unit Code	Unit Title
PMCOPS380A	Set up and optimise finishing process

The refractory sector should choose from:

Unit Code	Unit Title
PMCOPS290A	Use and maintain tools and equipment for refractory operations
PMCOPS291A	Prepare for, install and repair refractory brickwork/blockwork
PMCOPS292A	Prepare for and install mouldable refractory materials
PMCOPS293A	Prepare for and cast refractory materials
PMCOPS294A	Prepare for and apply shotcrete for installation

and may also choose:

Unit Code	Unit Title
PMCOPS295A	Prepare for, install and repair ceramic fibre
PMCSUP275A	Maintain kiln refractory

For Certificate III the refractories sector should choose:

Unit Code	Unit Title
PMCOPS390A	Test refractory materials