

Qualification details



PMB30116 - Certificate III in Polymer Processing

Summary

Releases:	Release	Status	Release date
	1	Current	2016/06/22

Usage recommendation: **Superseded**

Mapping:	Mapping	Notes	Date
	Is superseded by and equivalent to PMB30121 - Certificate III in Polymer Processing	PMB30120 Certificate III in Polymer Processing supersedes and is equivalent to PMB30116 Certificate III in Polymer Processing.	2021/02/18
	Supersedes and is equivalent to PMB30107 - Certificate III in Polymer Processing	Supersedes and is equivalent to PMB30107 Certificate III in Polymer Processing.	2016/06/22

Training packages that include this qualification

Code	Title	Release
PMB	Plastics, Rubber and Cablemaking	1.0

Units of competency

Code	Title	Essential
FWPCOT2238	Cut materials with a hand-held chainsaw	Elective
HLTAID003	Provide first aid	Elective
HLTAID011	Provide First Aid	Elective
LMTGN2008B	Coordinate work of team or section	Elective
MEM03001B	Perform manual production assembly	Elective
MEM03006B	Set assembly stations	Elective
MEM09002B	Interpret technical drawing	Elective
MEM09003B	Prepare basic engineering drawing	Elective
MEM11005B	Pick and process order	Elective
MEM11006B	Perform production packaging	Elective
MEM11007B	Administer inventory procedures	Elective
MEM12023A	Perform engineering measurements	Elective
MEM13003B	Work safely with industrial chemicals and materials	Elective
MEM15001B	Perform basic statistical quality control	Elective
MEM15003B	Use improvement processes in team activities	Elective
MEM15004B	Perform inspection	Elective
MEM16006A	Organise and communicate information	Elective
MEM16007A	Work with others in a manufacturing, engineering or related environment	Elective
MEM16008A	Interact with computing technology	Elective
MEM18001C	Use hand tools	Elective

Code	Title	Essential
MEM18002B	Use power tools/hand held operations	Elective
MSL973001	Perform basic tests	Elective
MSMENV172	Identify and minimise environmental hazards	Elective
MSMENV272	Participate in environmentally sustainable work practices	Core
MSMOPS100	Use equipment	Elective
MSMOPS101	Make measurements	Elective
MSMOPS102	Perform tasks to support production	Elective
MSMOPS200	Operate equipment	Elective
MSMOPS212	Use organisation computers or data systems	Elective
MSMOPS244	Lay out and cut materials	Elective
MSMOPS363	Organise on-site work	Elective
MSMPER200	Work in accordance with an issued permit	Elective
MSMPER201	Monitor and control work permits	Elective
MSMPER205	Enter confined space	Elective
MSMPER300	Issue work permits	Elective
MSMSUP100	Apply workplace context to own job	Elective
MSMSUP101	Clean workplace or equipment	Elective
MSMSUP102	Communicate in the workplace	Elective
MSMSUP106	Work in a team	Elective
MSMSUP200	Achieve work outcomes	Elective
MSMSUP204	Pack products or materials	Elective
MSMSUP205	Transfer loads	Elective
MSMSUP210	Process and record information	Core
MSMSUP230	Monitor process operations	Elective
MSMSUP240	Undertake minor maintenance	Elective
MSMSUP273	Handle goods	Elective
MSMSUP280	Manage conflict at work	Elective
MSMSUP291	Participate in continuous improvement	Elective
MSMSUP292	Sample and test materials and product	Elective
MSMSUP300	Identify and apply process improvements	Elective
MSMSUP301	Apply HACCP to the workplace	Elective
MSMSUP303	Identify equipment faults	Elective
MSMSUP309	Maintain and organise workplace records	Elective
MSMSUP310	Contribute to the development of workplace documentation	Elective
MSMSUP330	Develop and adjust a production schedule	Elective
MSMSUP382	Provide coaching/mentoring in the workplace	Elective
MSMSUP383	Facilitate a team	Elective
MSMSUP390	Use structured problem-solving tools	Elective
MSMWHS100	Follow WHS procedures	Elective
MSMWHS110	Follow emergency response procedures	Elective
MSMWHS200	Work safely	Core
MSMWHS205	Control minor incidents	Elective
MSMWHS210	Undertake first response to non-fire incidents	Elective
MSMWHS212	Undertake first response to fire incidents	Elective
MSMWHS216	Operate breathing apparatus	Elective

Code	Title	Essential
MSMWHS217	Gas test atmospheres	Elective
MSMWHS300	Facilitate the implementation of WHS for a work group	Elective
MSS402002	Sustain process improvements	Elective
MSS402020	Apply quick changeover procedures	Elective
MSS402021	Apply Just in Time procedures	Elective
MSS402030	Apply cost factors to work practices	Elective
MSS402040	Apply 5S procedures	Elective
MSS402050	Monitor process capability	Elective
MSS402051	Apply quality standards	Core
MSS402060	Use planning software systems in operations	Elective
MSS402080	Undertake root cause analysis	Elective
PMBFIN201	Finish products and components	Elective
PMBFIN202	Fit attachments to products	Elective
PMBFIN203	Repair product imperfections	Elective
PMBFIN205	Hand decorate products	Elective
PMBHAN103	Shift materials safely by hand	Elective
PMBHAN208	Store products	Elective
PMBPREP201	Prepare moulds for composites production	Elective
PMBPREP205	Assemble materials and equipment for production	Elective
PMBPREP206	Prepare materials to formulae	Elective
PMBPREP301	Set up and prepare for production	Elective
PMBPREP303	Set up equipment for continuous operation	Elective
PMBPREP304	Set a die	Elective
PMBPREP305	Change extrusion die and setup	Elective
PMBPROD206	Operate ancillary equipment	Elective
PMBPROD207	Operate calender	Elective
PMBPROD209	Operate cable winding equipment	Elective
PMBPROD210	Operate injection moulding equipment	Elective
PMBPROD211	Operate blow moulding equipment	Elective
PMBPROD212	Operate thermoforming equipment	Elective
PMBPROD213	Operate extruders	Elective
PMBPROD216	Operate blown film equipment	Elective
PMBPROD217	Operate printing equipment	Elective
PMBPROD221	Operate rotational moulding equipment	Elective
PMBPROD229	Operate polystyrene shape moulding equipment	Elective
PMBPROD233	Operate film conversion equipment	Elective
PMBPROD235	Use materials and process knowledge to complete work operations	Elective
PMBPROD236	Operate hand held air/power equipment for production processes	Elective
PMBPROD237	Splice cables	Elective
PMBPROD238	Perform creel rack operations	Elective
PMBPROD239	Build reinforced conveyor belts	Elective
PMBPROD240	Cut materials	Elective
PMBPROD241	Lay up rubber lining or lag pulleys	Elective
PMBPROD242	Bond polymers to surfaces	Elective
PMBPROD245	Fabricate materials	Elective

Code	Title	Essential
PMBPROD246	Hand mix materials	Elective
PMBPROD247	Hand lay up composites	Elective
PMBPROD248	Prepare surfaces for coating	Elective
PMBPROD249	Apply liquid surface coatings	Elective
PMBPROD251	Apply gel coat or other polymer surface finish	Elective
PMBPROD252	Operate compounding equipment	Elective
PMBPROD253	Operate an internal mill blender	Elective
PMBPROD254	Operate an open mill blender	Elective
PMBPROD255	Operate mixing equipment	Elective
PMBPROD259	Operate granulating equipment	Elective
PMBPROD261	Operate continuous vulcanising equipment	Elective
PMBPROD262	Operate tyre curing equipment	Elective
PMBPROD263	Operate retread curing equipment	Elective
PMBPROD265	Operate portable vulcanising equipment	Elective
PMBPROD266	Prepare tyre casings for retreading	Elective
PMBPROD267	Operate steel cutting equipment	Elective
PMBPROD268	Operate bead coiling equipment	Elective
PMBPROD270	Operate injection blow moulding equipment	Elective
PMBPROD280	Operate resin-glass depositor equipment	Elective
PMBPROD281	Finish composite products	Elective
PMBPROD282	Assemble mould	Elective
PMBPROD283	Demould product	Elective
PMBPROD284	Operate open flame moulding equipment	Elective
PMBPROD285	Operate computer controlled equipment	Elective
PMBPROD287	Weld plastics materials	Elective
PMBPROD290	Operate filament winding equipment	Elective
PMBPROD291	Operate resin infusion moulding equipment	Elective
PMBPROD292	Operate pultrusion equipment	Elective
PMBPROD293	Operate vacuum bagging equipment	Elective
PMBPROD294	Operate resin transfer moulding equipment	Elective
PMBPROD295	Operate composite sheeting equipment	Elective
PMBPROD296	Operate centrifugal casting equipment	Elective
PMBPROD297	Operate equipment using moulding compounds	Elective
PMBPROD298	Operate equipment using pre-preg material	Elective
PMBPROD300	Produce products	Elective
PMBPROD301	Draw wire	Elective
PMBPROD302	Bunch and strand wire	Elective
PMBPROD303	Lay up and tape cables	Elective
PMBPROD304	Wind products onto drums	Elective
PMBPROD305	Colour optical fibre	Elective
PMBPROD306	Prepare and start equipment for production	Elective
PMBPROD307	Produce calendered products	Elective
PMBPROD308	Take a machine out of production	Elective
PMBPROD309	Produce electroplated products	Elective
PMBPROD310	Produce injection moulded products	Elective

Code	Title	Essential
PMBPROD311	Produce blow moulded products	Elective
PMBPROD312	Produce continuous thermoforming products	Elective
PMBPROD313	Produce extruded products	Elective
PMBPROD314	Produce compression moulded products	Elective
PMBPROD315	Produce polyurethane foam	Elective
PMBPROD316	Produce blown film	Elective
PMBPROD317	Print and decorate rigid products	Elective
PMBPROD319	Build up rollers	Elective
PMBPROD320	Produce foam injected mouldings	Elective
PMBPROD321	Produce rotational moulded products	Elective
PMBPROD323	Produce powder coated products	Elective
PMBPROD324	Inspect tyres for retreading	Elective
PMBPROD325	Lay on tyre retreads	Elective
PMBPROD326	Inspect tyres	Elective
PMBPROD328	Produce sheet feed vacuum forming products	Elective
PMBPROD329	Produce polystyrene shape moulded products	Elective
PMBPROD330	Make moulds for formed products	Elective
PMBPROD331	Produce printed and decorated film	Elective
PMBPROD332	Produce thermally bent products	Elective
PMBPROD333	Convert plastic film	Elective
PMBPROD334	Produce products using twin screw extruders	Elective
PMBPROD336	Inspect heavy off-the-road tyres	Elective
PMBPROD337	Prepare heavy off-the-road tyres for repair	Elective
PMBPROD338	Repair heavy off-the-road tyres	Elective
PMBPROD339	Produce reinforced conveyor belts	Elective
PMBPROD340	Cure heavy off-the-road tyre repairs	Elective
PMBPROD341	Finish heavy off-the-road tyre repairs	Elective
PMBPROD343	Shut down plant area	Elective
PMBPROD347	Produce composites using hand lamination	Elective
PMBPROD349	Produce liquid surface coated products	Elective
PMBPROD352	Produce compounded materials	Elective
PMBPROD353	Compound materials using an internal mill blender	Elective
PMBPROD354	Compound materials using an open mill blender	Elective
PMBPROD355	Make pattern/plug for composites moulds	Elective
PMBPROD356	Construct moulds for composite products	Elective
PMBPROD357	Construct jigs and fixtures	Elective
PMBPROD358	Develop patterns	Elective
PMBPROD360	Produce centrifugally cast polyurethane products	Elective
PMBPROD362	Produce gravity cast polyurethane products	Elective
PMBPROD367	Remove and replace conveyor belts	Elective
PMBPROD368	Repair conveyor belt carcass	Elective
PMBPROD369	Repair conveyor belt covers	Elective
PMBPROD370	Produce injection blow moulded products	Elective
PMBPROD372	Produce fibre optic preforms	Elective
PMBPROD373	Draw optical fibre	Elective

Code	Title	Essential
PMBPROD375	Vulcanise products using an autoclave	Elective
PMBPROD376	Splice steel cord conveyor belts	Elective
PMBPROD377	Splice fabric ply conveyor belts	Elective
PMBPROD378	Splice solid woven conveyor belts	Elective
PMBPROD380	Produce composites using chopper gun/depositor	Elective
PMBPROD384	Operate multi-axis router	Elective
PMBPROD385	Program computer controlled equipment	Elective
PMBPROD387	Produce welded plastics materials	Elective
PMBPROD390	Produce composites using filament winding	Elective
PMBPROD391	Produce composites using resin infusion	Elective
PMBPROD392	Produce composites using pultrusion	Elective
PMBPROD393	Produce composites using vacuum bagging	Elective
PMBPROD394	Produce composites using resin transfer moulding	Elective
PMBPROD395	Produce composite sheet products	Elective
PMBPROD396	Produce composites using centrifugal casting	Elective
PMBPROD397	Produce composites using moulding compounds	Elective
PMBPROD398	Produce composites using pre-pregs	Elective
PMBTECH301	Use material and process knowledge to solve problems	Elective
PMBTECH302	Modify existing compounds	Elective
PMBTECH303	Make minor modifications to products	Elective
PMBWASTE101	Collect waste for recycling or safe disposal	Elective
PMBWASTE302	Coordinate waste disposal	Elective
PMBWELD301	Butt weld polyethylene plastic pipelines	Elective
PMBWELD302	Electrofusion weld polyethylene pipelines	Elective
PMBWELD303	Install polyethylene (non-pressure) drainage pipelines	Elective
PMBWELD304	Design polyethylene (non-pressure) drainage pipelines	Elective
PMBWELD305	Install polyethylene plastic pressure pipelines	Elective
PMBWELD306	Design polyethylene plastic pressure pipelines	Elective
PMBWELD307	Install high temperature plastic pressure pipelines	Elective
PMBWELD308	Install PVC plastic pressure pipelines	Elective
PMBWELD309	Weld plastic using extrusion techniques	Elective
PMBWELD310	Design PVC plastic pressure pipelines	Elective
PMBWELD311	Design high temperature plastic pressure pipelines	Elective
RIIRIS201D	Conduct local risk control	Elective
TAEDEL301	Provide work skill instruction	Elective
TLID2010	Operate a forklift	Elective
TLID3011	Conduct specialised forklift operations	Elective

Classifications

Scheme	Code	Name
ANZSCO Identifier	711514	Plastics Production MacHine Operator (General)
ASCED Qualification/Course Field of Education Identifier	0303	Process And Resources Engineering
Qualification/Course Level of Education Identifier	514	Certificate III
Taxonomy - Industry Sector	N/A	Raw Material Manufacturing

Scheme	Code	Name
Taxonomy - Occupation	N/A	Extrusion Operator, Rotational Moulding Operator, Fabrication Operator (Plastics), Rubber Production Operator, Reinforced Hose Maker, Blow Moulding Operator, Plastics Production Operator, Composites Operator, Tyre Builder, Die Setter, Injection Moulding Operator, Rubber Moulding Machine Operator, Rubber Roll Builder, Cablemaker, Belt Installation and Repair Operator, Tyre Retreading Operator

Classifications history

Scheme	Code	Name	Start date	End date
ANZSCO Identifier	711514	Plastics Production MacHine Operator (General)	2016/10/14	
ASCED Qualification/Course Field of Education Identifier	0303	Process And Resources Engineerin g	2016/10/14	
Qualification/Course Level of Education Identifier	514	Certificate III	2016/06/22	