

FIELD Manufacturing**Review of *Plastics Processing Technology and Cablemaking* qualifications**

National Certificate in Plastics Processing Technology (Production) (Level 1) with strands in General, Injection Moulding, Extrusion, Extrusion Blow Moulding, Thermoforming, Blown Film Extrusion, Film Conversion, Injection Stretch-Blow Moulding, Rotational Moulding, Film Slitting, and Expanded Polystyrene Moulding [Ref: 1361]

National Certificate in Plastics Processing Technology (Production) (Level 2) with strands in General, Injection Moulding, Extrusion, Blow Moulding, Pressure Thermoforming, Vacuum Thermoforming, Blown Film Extrusion, Film Conversion, Injection Stretch-Blow Moulding, Rotational Moulding, Expanded Polystyrene Moulding, and Polystyrene Pre-expansion [Ref: 1362]

National Certificate in Plastics Processing Technology (Production) (Level 3) with strands in General, and Expanded Polystyrene Moulding [Ref: 1363]

National Certificate in Plastics Processing Technology (Technical) (Level 2) with strands in Injection Moulding, Extrusion, Blow Moulding, Pressure Thermoforming, Vacuum Thermoforming, Blown Film Extrusion, Film Conversion, Injection Stretch-Blow Moulding, Rotational Moulding, Film Slitting, and Expanded Polystyrene Moulding [Ref: 0394]

National Certificate in Plastics Processing Technology (Technical) (Level 3) with strands in Injection Moulding, Extrusion, Extrusion Blow Moulding, Pressure Thermoforming, Vacuum Thermoforming, Blown Film Extrusion, Film Conversion, Injection Stretch-Blow Moulding, Rotational Moulding, and Expanded Polystyrene Moulding [Ref: 0395]

National Certificate in Plastics Processing Technology (Technical) (Level 4) with strands in Injection Moulding, Extrusion, Extrusion Blow Moulding, Thermoforming, Blown Film Extrusion, Injection Stretch-Blow Moulding Single Stage, Injection Stretch-Blow Moulding Two Stage, and Rotational Moulding [Ref: 0396]

National Certificate in Engineering and Technology (Plastics Engineering) (Level 4) with strands in Injection Moulding, Extrusion, Blow Moulding, Pressure Thermoforming, Vacuum Thermoforming, Blown Film Extrusion, Film Conversion, Injection Stretch-Blow Moulding, and Rotational Moulding [Ref: 1407]

National Diploma in Plastics Processing Technology (Level 5) [Ref: 1597]

National Certificate in Plastics Materials (Level 5) [Ref: 1596]

National Certificate in Cablemaking (Level 2) with strands in Wiredrawing, Conductor Assembly, Extrusion, Cable Assembly, and Cable Testing [Ref: 0566]

National Certificate in Cablemaking (Level 3) with strands in Wiredrawing, Conductor Assembly, Extrusion, Cable Assembly, and Cable Testing [Ref: 0738]

Competenz has completed the review of the qualifications listed above.

Replacement qualifications

New Zealand Certificate in Plastics Processing (Level 3) with an optional strand in Plastics Engineering [Ref: 2974]

New Zealand Certificate in Plastics Engineering (Level 4) [Ref: 2975]

New Zealand Certificate in Plastics Engineering Technology (Level 5) [Ref: 2976]

Date new versions published

October 2015

The next qualification review, of the New Zealand qualifications, is planned to take place by 31 December 2020.

Summary of review and consultation process

The review occurred as a result of the mandatory review of plastics qualifications, part of the Targeted Review of Qualifications (TRoQ).

The mandatory review involved extensive consultation with industry stakeholders. Consultation included working group meetings to determine the detail of the replacement qualifications.

Industry confirmed the ongoing need for plastics processing qualifications that would recognise graduate capabilities and provide good training and employment pathways for trainees.

Approval to develop was granted in May 2015 following comprehensive consultation with industry.

Eight National qualifications were replaced by three New Zealand qualifications, and four National qualifications will expire without replacement, as detailed below.

Main changes resulting from the review

National Certificate in Plastics Processing Technology (Production) (Level 2) with strands in General, Injection Moulding, Extrusion, Blow Moulding, Pressure Thermoforming, Vacuum Thermoforming, Blown Film Extrusion, Film Conversion, Injection Stretch-Blow Moulding, Rotational Moulding, Expanded Polystyrene Moulding, and Polystyrene Pre-expansion [Ref: 1362];

National Certificate in Plastics Processing Technology (Production) (Level 3) with strands in General, and Expanded Polystyrene Moulding [Ref: 1363];

National Certificate in Plastics Processing Technology (Technical) (Level 2) with strands in Injection Moulding, Extrusion, Blow Moulding, Pressure Thermoforming, Vacuum Thermoforming, Blown Film Extrusion, Film Conversion, Injection Stretch-Blow Moulding, Rotational Moulding, Film Slitting, and Expanded Polystyrene Moulding [Ref: 0394];

National Certificate in Plastics Processing Technology (Technical) (Level 3) with strands in Injection Moulding, Extrusion, Extrusion Blow Moulding, Pressure Thermoforming, Vacuum Thermoforming, Blown Film Extrusion, Film Conversion, Injection Stretch-Blow Moulding, Rotational Moulding, and Expanded Polystyrene Moulding [Ref: 0395]

replaced by

New Zealand Certificate in Plastics Processing (Level 3) with an optional strand in Plastics Engineering [Ref: 2974]

Review category	C	See Key to Qualification Review Categories at the end of report
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National Certificate in Plastics Processing Technology (Technical) (Level 4) with strands in Injection Moulding, Extrusion, Extrusion Blow Moulding, Thermoforming, Blown Film Extrusion, Injection Stretch-Blow Moulding Single Stage, Injection Stretch-Blow Moulding Two Stage, and Rotational Moulding [Ref: 0396];

National Certificate in Engineering and Technology (Plastics Engineering) (Level 4) with strands in Injection Moulding, Extrusion, Blow Moulding, Pressure Thermoforming, Vacuum Thermoforming, Blown Film Extrusion, Film Conversion, Injection Stretch-Blow Moulding, and Rotational Moulding [Ref: 1407]

replaced by

New Zealand Certificate in Plastics Engineering (Level 4) [Ref: 2975]

Review category	C	See Key to Qualification Review Categories at the end of report
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National Certificate in Plastics Materials (Level 5) [Ref: 1596];

National Diploma in Plastics Processing Technology (Level 5) [Ref: 1597]

replaced by

New Zealand Certificate in Plastics Engineering Technology (Level 5) [Ref: 2976]

Review category	C	See Key to Qualification Review Categories at the end of report
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National Certificate in Plastics Processing Technology (Production) (Level 1) with strands in General, Injection Moulding, Extrusion, Extrusion Blow Moulding, Thermoforming, Blown Film Extrusion, Film Conversion, Injection Stretch-Blow Moulding, Rotational Moulding, Film Slitting, and Expanded Polystyrene Moulding [Ref: 1361];

National Certificate in Cablemaking (Level 2) with strands in Wiredrawing, Conductor Assembly, Extrusion, Cable Assembly, and Cable Testing [Ref 0566];

National Certificate in Cablemaking (Level 3) with strands in Wiredrawing, Conductor Assembly, Extrusion, Cable Assembly, and Cable Testing [Ref 0738]

expiring without replacement.

Review category	D	See Key to Qualification Review Categories at the end of report
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Transition

The following National Certificates have been reviewed, and as there are no current enrolments nor anticipated ones, they have been designated discontinued immediately:

National Certificate in Engineering and Technology (Plastics Engineering) (Level 4) with strands in Injection Moulding, Extrusion, Blow Moulding, Pressure Thermoforming, Vacuum Thermoforming, Blown Film Extrusion, Film Conversion, Injection Stretch-Blow Moulding, and Rotational Moulding [Ref: 1407];

National Certificate in Cablemaking (Level 2) with strands in Wiredrawing, Conductor Assembly, Extrusion, Cable Assembly, and Cable Testing [Ref: 0566];

National Certificate in Cablemaking (Level 3) with strands in Wiredrawing, Conductor Assembly, Extrusion, Cable Assembly, and Cable Testing [Ref: 0738].

The last date for entry into programmes leading to the remaining reviewed National Certificates is 31 December 2017. The last date for assessment against standards leading to those remaining National Certificates is 31 December 2019.

Candidates currently working towards those qualifications may either complete the requirements by the date specified or transfer to the replacement qualification.

Ref: 1361 contains expiring classifications that have been replaced by other classifications. For the purposes of this qualification, people who have gained credit for standards in the expiring classifications are exempt from the requirement to gain credit for standards in the replacement classifications – see table below.

Standards from	Are treated as Standards from
Engineering and Technology > Motor Industry > Engine Repairs	Engineering and Technology > Motor Industry > Engines
Humanities > Languages > English for Speakers of Other Languages	Humanities > Languages > English Language
Planning and Construction > Construction Trades > Architectural Aluminium Joinery	Manufacturing > Joinery > Architectural Aluminium Joinery

Ref: 1362 contained an expiring unit standard (414) for which a replacement unit standard has been registered (28497). For the purposes of this qualification, people who have gained credit for the expiring unit standard are exempt from the requirement to gain credit for the replacement unit standard.

Credit for	Exempt from
414	28497

Ref: 1362 also contained expiring classifications that have been replaced by other classifications. For the purposes of this qualification, people who have gained credit for standards in the expiring classifications are exempt from the requirement to gain credit for standards in the replacement classifications – see table below.

Standards from	Are treated as Standards from
Engineering and Technology > Mechanical Engineering > Composites	Manufacturing > Composites
Engineering and Technology > Motor Industry > Engine Repairs	Engineering and Technology > Motor Industry > Engines
Health > Health Studies > Core Health	Community and Social Services > Health, Disability, and Aged Support > Core Health
Humanities > Languages > English for Speakers of Other Languages	Humanities > Languages > English Language
Planning and Construction > Construction Trades > Architectural Aluminium Joinery	Manufacturing > Joinery > Architectural Aluminium Joinery

Ref: 1363 contained an expiring unit standard (2398) for which a replacement is available (2407). For the purposes of this qualification, people who have gained credit for the expiring unit standard are exempt from the requirement to gain credit for the replacement unit standard – see table below.

Credit for	Exempt from
2398	2407

Ref: 1363 also contained expiring classifications that have been replaced by other classifications. For the purposes of this qualification, people who have gained credit for standards in the expiring classifications are exempt from the requirement to gain credit for standards in the replacement classifications – see table below.

Standards from	Are treated as Standards from
Engineering and Technology > Mechanical Engineering > Composites	Manufacturing > Composites
Health > Health Studies > Core Health	Community and Social Services > Health, Disability, and Aged Support > Core Health
Humanities > Languages > English for Speakers of Other Languages	Humanities > Languages > English Language

Ref: 1597 contained an expiring unit standard (25463) for which replacement unit standards have now been registered (27520, 27521). For the purposes of this qualification, people who have gained credit for the expiring unit standards are exempt from the requirement to gain credit for the replacement unit standard – see table below.

Credit for	Exempt from
25463	27520, 27521
7452	27520, 27521

It is anticipated that no existing candidates will be disadvantaged by these transition arrangements. However, anyone who feels that they have been disadvantaged may appeal to Competenz at the address below. Appeals will be considered on a case-by-case basis.

Standard Setting Body

Competenz
PO Box 9005
Newmarket
Auckland 1149

Telephone 0800 526 1800
Fax 09 539 9899
Email info@competenz.org.nz
Website <http://www.competenz.org.nz/>

Key to Qualification Review Categories

Category A The qualification is published as a new version with the same NQF ID	Changes are made to SSB name, contact details or purpose statement
	No change is made to title, rules or components of the qualification
	No transition arrangements are required
Category B The qualification is published as a new version with the same NQF ID	Changes are made to title, rules or components
	The new version of the qualification recognises a similar skill set to that recognised by the previous version
	The SSB is confident that people awarded the new or previous version are comparable in terms of competence
	Transition arrangements are required if candidates must gain additional/different credits for the new version
Category C A new (replacement) qualification is published with new NQF ID	Significant changes are made to the qualification in terms of components, structure, type or level
	The SSB views people with the replacement qualification as being significantly different in terms of competence from those with the replaced qualification
	Transition arrangements are required
	Transition may be limited to phase-out dates
Category D Qualification will expire. There is no replacement qualification	Qualification is no longer required by industry
	The qualification is designated as expiring and a last date for meeting the qualification requirements is set