

FIELD MANUFACTURING

Review of *Plastics Processing Technology* qualifications

- **National Certificate in Plastics Processing Technology (Level 1) with strands in Injection Moulding, Extrusion, Blow Moulding, Thermoforming, Blown Film Extrusion, Film Conversion, Injection Stretch-Blow Moulding, and Rotational Moulding [Ref: 0260]**
- **National Certificate in Plastics Processing Technology (Level 2) 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: 0394]**
- **National Certificate in Plastics Processing Technology (Level 3) 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: 0395]**
- **National Certificate in Plastics Processing Technology (Level 4) with strands in Injection Moulding, Extrusion, Blow Moulding, Thermoforming, Blown Film Extrusion, Injection Stretch-Blow Moulding Single Stage, Injection Stretch-Blow Moulding Two Stage, and Rotational Moulding [Ref: 0396]**

The Plastics and Materials Processing Industry Training Organisation (PaMPITO) has completed the review of the qualifications listed above.

Date new versions published

August 2008

The next qualifications review is planned to take place during 2013.

Summary of review and consultation process

These qualifications were reviewed as a result of a routine review of standards in the subfield Plastics Processing Technology which commenced in 2004 and was concluded during 2006. In addition, a number of standards used in these qualifications from the subfield Mechanical Engineering had been reviewed over a similar timeframe, and this had also resulted in many significant changes.

A lead Advisory Group of representatives from industry including employers, trainees and assessors, as well as training providers and moderation staff, was formed by PaMPITO after calling for nominations nationally. This Advisory Group examined and amended the qualifications to take account of the changes to many of the existing standards, and to ensure that they continued to reflect current industry needs. The opportunity was also taken to update the classifications, titles, levels and credits in the standard listings. Subsequent to this work, the recommendations of this lead Advisory Group were circulated extensively nationally for endorsement.

Main changes resulting from the review

- Addition and deletion of standards within the qualifications.
- Changes to classifications, titles, levels, and credits of standards.
- Changes in structure.
- Changes to credit totals.

National Certificate in Plastics Processing Technology (Level 1) with strands in Injection Moulding, Extrusion, Blow Moulding, Thermoforming, Blown Film Extrusion, Film Conversion, Injection Stretch-Blow Moulding, and Rotational Moulding [Ref: 0260]

National Certificate in Plastics Processing Technology (Technical) (Level 1) with strands in Injection Moulding, Extrusion, Blow Moulding, Thermoforming, Blown Film Extrusion, Film Conversion, Injection Stretch-Blow Moulding, and Rotational Moulding [Ref: 0260]

Review category	B	See Key to Qualification Review Categories at the end of report
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Changes to structure and content

- Expiring standards 271, 272, and 4795 replaced by 23128, 23129, and 20917 respectively.
- Standard 23129 was moved to Core Compulsory.
- Standard 4249 was removed from the Film Conversion strand to balance the credit adjustment resulting from adding 23129 to the Core Compulsory.
- Classifications, titles, levels, and credits of standards updated to reflect current versions.
- Credit totals adjusted from 40-43 to 46-48.
- The descriptor *Technical* was added to the title.

This qualification contains standards that replace earlier standards. For the purposes of this qualification, people who have gained credit for the expiring standards are exempt from the requirement to gain credit for the replacement standards – see table below.

Credit for	Exempt from
271	23128
272	23129
4795	20917

National Certificate in Plastics Processing Technology (Level 2) 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: 0394]

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, and Rotational Moulding [Ref: 0394]

Review category	B	See Key to Qualification Review Categories at the end of report
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Changes to structure and content

- Standard 15845 removed from the Core Compulsory section.
- Core Elective section removed and the standards in it moved to the Core Compulsory.
- Expiring standards 273 and 2389 in various strands replaced by 23130 and 2387 respectively and have been moved to the Core Compulsory.
- Classifications, titles, levels, and credits of standards updated to reflect current versions.
- Credit totals adjusted from 85-114 to 94-117.
- The descriptor *Technical* was added to the title.

This qualification contains standards that replace earlier standards. For the purposes of this qualification, people who have gained credit for the expiring standards are exempt from the requirement to gain credit for the replacement standards – see table below.

Credit for	Exempt from
273	23130
2389	2387

National Certificate in Plastics Processing Technology (Level 3) 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: 0395]

National Certificate in Plastics Processing Technology (Technical) (Level 3) 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: 0395]

Review category	B	See Key to Qualification Review Categories at the end of report
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Changes to structure and content

- Standards 750 and 15862 removed from the Core Compulsory.
- Standards 274 and 2388 replaced by 23131 and 22913 respectively, and were moved to the Core Compulsory.
- Classifications, titles, levels and credits of reviewed standards updated.
- Range of credit totals adjusted from 66-103 to 71-100.
- The descriptor *Technical* was added to the title.
- Standard 270 has been removed from the Pressure Thermoforming and Vacuum Thermoforming Strands and transferred to the Level 4 qualification.

This qualification contains standards that replace earlier standards. For the purposes of this qualification, people who have gained credit for the expiring standards are exempt from the requirement to gain credit for the replacement standards – see table below.

Credit for	Exempt from
274	23131
2388	22913

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

Review category	B	See Key to Qualification Review Categories at the end of report
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Changes to structure and content

- Classifications, titles, and credits of reviewed standards updated.
- Standards 1296, 1983 and 9676 replaced by 1297, 1988 and 21335 respectively in the Core Compulsory.
- Standards 9708, 9709, and 9711 were moved from strands to Core Compulsory.
- Standard 270 was added to the Thermoforming strand.
- Range of credit totals adjusted from 51-69 to 68-74.
- The descriptor *Technical* was added to the title.

This qualification contains standards that replace earlier standards. For the purposes of this qualification, people who have gained credit for the expiring standards are exempt from the requirement to gain credit for the replacement standards – see table below.

Credit for	Exempt from
9676	21335

General Transition

All existing candidates may complete the previous version of these qualifications or transfer their existing achievements to the latest version. The last date for completing the requirements of previous versions is 31 December 2009.

The Plastics and Materials Processing Industry Training Organisation has endeavoured to ensure that no person has been disadvantaged by this review. Anyone who thinks that they have been disadvantaged should, in the first instance, contact the ITO at the address below.

Plastics and Materials Processing Industry Training Organisation Incorporated
PO Box 76 378
MANUKAU CITY
Auckland

Telephone 09 263 6098
Facsimile 09 262 3850
Email info@pampito.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