

**FIELD                    ENGINEERING AND TECHNOLOGY****Review of *Engineering and Technology* qualifications**

**National Certificate in Engineering and Technology (Plastics Engineering) (Level 3)**  
[Ref: 0477]

**National Certificate in Engineering and Technology (Plastics Engineering) (Level 4)**  
[Ref: 0478]

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

**Replacement qualification**

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]

**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 part of a complete review of all plastics-related qualifications. The qualifications use a number of standards from the subfield Mechanical Engineering that had been reviewed over a recent period, and this had resulted in many significant changes that needed to be accommodated.

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 titles, levels and credits in the unit standard listings. Subsequent to this work, the recommendations of this lead Advisory Group were circulated extensively nationally for endorsement.

Concerns regarding the structural content of the reviewed qualifications arose during registration. PaMPITO subsequently decided to restructure the qualifications into one single qualification which also embraced the prerequisite qualifications. This resolved the structural concerns and simplified the overall qualification requirements. Details of these changes were circulated throughout the industry and were completely endorsed.

## Main changes resulting from the review

The 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 the National Certificate in Engineering and Technology (Plastics Engineering) (Level 3) [Ref: 0477], and the National Certificate in Engineering and Technology (Plastics Engineering) (Level 4) [Ref: 0478].

Major changes in the replacement qualification

- The two previous qualifications were replaced by one new qualification.
- The new qualification comprises compulsory standards and elective strands that cover the different sectors of the plastics industry.

National Certificate in Engineering and Technology (Plastics Engineering) (Level 3) [Ref: 0477], and

National Certificate in Engineering and Technology (Plastics Engineering) (Level 4) [Ref: 0478]

**The 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]**

Review category	C	See <a href="#">Key to Qualification Review Categories</a> at the end of report
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Summary of differences between the qualifications

- Expiring standard 4798 in Q0477 was replaced by Core Compulsory standard 4797.
- Standards 11661, 11662, 11663, and 11664 in Q0477 were replaced by Core Compulsory standards 21906 and 22908 as these were considered to cover more appropriate skill levels.
- Expired standard 2722 in Q0477 was replaced by Core Compulsory standards 20613 and 20614, and standard 20599 was added to the Core Compulsory section.
- Expiring standards 2388 and 2670 in Q0477 were replaced by Core Compulsory standards 22913 and 21907 respectively.
- Expiring standard 2405 in Q0478 was replaced by Core Compulsory standards 19873 and 19874.
- Titles, levels and credits of standards were updated to reflect their review.
- Standards or their replacements previously required in the prerequisite qualification for the National Certificate in Engineering and Technology (Plastics Engineering) (Level 3) [Ref: 0477] have been included in this qualification.

## Transition

All existing candidates may complete the National Certificate in Engineering and Technology (Plastics Engineering) (Level 3) [Ref: 0477], and the National Certificate in Engineering and Technology (Plastics Engineering) (Level 4) [Ref: 0478] or, where applicable, transfer their existing achievements to this qualification. The last date for assessments to take place for the replaced qualifications is 31 December 2011.

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.

<b>Credit for</b>	<b>Exempt from</b>
2389	2387
1305	3501
4798	4797
1300	9677
503	12349
1179	15851
2721	17344 and 17345
2405	19873 and 19874
2723	20597 and 20598
2722	20613 and 20614
4796	20799
2824	21911 and 21912
4795	20917
11661, 11662, 11663 and 11664	21906 and 22908
2670	21907
6627 or 12299	21913
2388	22913
271	23128
272	23129
273	23130
2724	20599

## Appeals

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.

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## Key to Qualification Review Categories

<b>Category A</b> 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
<b>Category B</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
<b>Category C</b> 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
<b>Category D</b> 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