

National Certificate in Engineering and Technology (Glass Container Mould Maintenance) (Level 3)

Level 3

Credits 59

This qualification has been **reviewed**. The last date to meet the requirements is 31 December 2016.

Transition Arrangements

This qualification has been reviewed and designated expiring. It will not be replaced.

No new enrolments will be accepted into programmes leading to this qualification.

For detailed information see [Review Summaries](#) on the NZQA website.

NZQF Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	May 2008	December 2016
Review	2	January 2015	December 2016

Standard Setting Body

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Purpose

The National Certificate in Engineering and Technology (Glass Container Mould Maintenance) (Level 3) [Ref: 1379] is a qualification intended for people working in the glass container manufacturing industry, and who are diagnosing mould faults, repairing, and modifying glass container moulds to assure maximum productivity. The qualification follows on from the National Certificate in Engineering and Technology (Glass Container Mould Maintenance) (Level 2) [Ref: 1378], and provides further engineering knowledge and skills in order to undertake more complex and difficult repairs and maintenance of glass container moulds. People holding this qualification also have substantial knowledge about glass container defects attributable to moulds and how these can be overcome.

All the standards in this qualification are compulsory because it covers a distinctive combination of skills and knowledge required by the glass container manufacturing industry. Holders of this certificate are able to work under limited supervision as advanced mould maintenance operatives.

Certificate holders are encouraged to undertake further training. People interested in acquiring supervisory skills and knowledge may be interested in undertaking the National Certificate in Business (First Line Management) (Level 3) [Ref: 0743] and the National Certificate in Business (First Line Management) (Level 4) [Ref: 0649]. Alternatively, career paths towards various mechanical engineering roles are also available within the glass container manufacturing industry. These include those roles traditionally referred to as Fitters and Turners, Maintenance Fitters, and Precision Machinists, and are available through the National Certificate in Mechanical Engineering (Level 4) with strands in Fitting and Machining, General Engineering, Machining, Maintenance Engineering, and Toolmaking [Ref: 1262], for which significant cross crediting is available.

Credit Range

Level 3 credits	59
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Requirements for Award of Qualification

Award of NQF Qualifications

Credit gained for a standard may be used only once to meet the requirements of this qualification.

Unit standards and achievement standards that are equivalent in outcome are mutually exclusive for the purpose of award. The table of mutually exclusive standards is provided in section 7 of the New Zealand Qualifications Authority (NZQA) *Rules and Procedures* publications available at <http://www.nzqa.govt.nz/ncea/acrp/index.html>.

Reviewed standards that continue to recognise the same overall outcome are registered as new versions and retain their identification number (ID). Any version of a standard with the same ID may be used to meet qualification requirements that list the ID and/or that specify the past or current classification of the standard.

Summary of Requirements

- Prior award of National Certificate in Engineering and Technology (Glass Container Mould Maintenance) (Level 2) [Ref: 1378]
- Compulsory standards

Detailed Requirements

Compulsory

The following standards are required

Engineering and Technology > Mechanical Engineering > Engineering Machining and Toolmaking

ID	Title	Level	Credit
2714	Produce components by performing engineering turning operations	3	15
22908	Demonstrate and apply knowledge of manually controlled machining operations	3	10

Engineering and Technology > Mechanical Engineering > Engineering - Materials

ID	Title	Level	Credit
4797	Demonstrate knowledge of the composition of engineering metals	3	5

Engineering and Technology > Mechanical Engineering > Engineering - Measurement

ID	Title	Level	Credit
4437	Select, use, and care for advanced engineering measuring equipment	3	3

Engineering and Technology > Mechanical Engineering > Mechanical Assembly

ID	Title	Level	Credit
22913	Assemble and fit precision tooling	3	10

Engineering and Technology > Mechanical Engineering > Welding

ID	Title	Level	Credit
2678	Join metals with the oxyacetylene welding process	3	6

Manufacturing > Glass and Glazing > Glass Container Manufacturing

ID	Title	Level	Credit
23073	Perform fault diagnosis, repair and modification of mould equipment for glass container production	3	10

Transition Arrangements

For detailed information see Review Summaries on the NZQA website.

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
2388	22913

Other standard setting bodies whose standards are included in the qualification

Competenz

Certification

The certificate will display the logos of NZQA, the provider and Competenz.

Classification

This qualification is classified according to the NQF classification system and the New Zealand Standard Classification of Education (NZSCED) system as specified below.

DAS Classification		NZSCED	
Code	Description	Code	Description
79	Engineering and Technology	030199	Engineering and Related Technologies > Manufacturing, Engineering and Technology > Manufacturing Engineering and Technology not elsewhere classified

Quality Management Systems

Providers and Industry Training Organisations must be accredited by a recognised Quality Assurance Body before they can register credits from assessment against standards. Accredited providers and Industry Training Organisations assessing against standards must engage with the moderation system that applies to those standards. Accreditation requirements and the moderation system are outlined in the associated Accreditation and Moderation Action Plan (AMAP) for each standard.

Reviewed