

National Certificate in Glass Container Manufacturing (Level 1)

Level 1

Credits 40

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.

The last date for enrolment into programmes leading to this qualification is 31 December 2015.

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

NZQF National Qualification Registration Information

| Process | Version | Date | Last Date for Assessment |
|--------------|---------|---------------|--------------------------|
| Registration | 1 | March 2008 | December 2016 |
| Review | 2 | February 2010 | December 2016 |
| Review | 3 | January 2015 | December 2016 |

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/>

National Certificate in Glass Container Manufacturing (Level 1)

| | |
|----------------|-----------|
| Level | 1 |
| Credits | 40 |

Purpose

The National Certificate in Glass Container Manufacturing (Level 1) [Ref: 1358] is a qualification intended for people who are new to the glass container manufacturing industry. The qualification provides basic knowledge about the various stages of the glass container manufacturing process, an introduction to the operational procedures and equipment employed in this process, and recognition of the basic skills and knowledge necessary to work in a production environment. The qualification is also intended to provide the basis for more specialised production roles in the industry. The Elective component offers significant flexibility to meet the specific individual's requirements or to support future intended job roles.

Holders of this certificate are able to work under supervision, typically as production operators. People intending a career in glass container manufacturing may commence training towards the qualification by gaining credit for selected standards prior to employment.

Certificate holders are encouraged to undertake further training towards the National Certificate in Glass Container Manufacturing (Level 2) with strands in Batch and Furnace, Forming, Job Change, Quality Control, and Mould Repair [Ref: 1359] or the National Certificate in Mechanical Engineering (Level 2) [Ref: 1220].

Replacement Information

This qualification replaced the Glass Containers strand of the National Certificate in Materials Processing (Level 1) [Ref: 1072].

Credit Range

| | Compulsory | Elective |
|--------------------------|-------------------|-----------------|
| Level 1 or above credits | 20 | 20 |
| Minimum totals | 20 | 20 |

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

- A minimum of 40 credits
- Compulsory standards
- Elective – Balance

Detailed Requirements

Compulsory

The following standards are required

Manufacturing > Glass and Glazing > Glass Container Manufacturing

| ID | Title | Level | Credit |
|-------|--|-------|--------|
| 18768 | Demonstrate knowledge of glass container manufacturing | 1 | 5 |
| 23061 | Demonstrate knowledge of batch house operations for glass container production | 1 | 2 |
| 23062 | Demonstrate knowledge of glass container conveying, inspection, packaging, and quality control | 1 | 6 |
| 23063 | Demonstrate knowledge of forming equipment for the production of glass containers | 1 | 2 |
| 23066 | Demonstrate basic knowledge of glass furnace structure and operations | 1 | 3 |
| 23071 | Demonstrate knowledge of mould equipment for glass container production | 1 | 2 |

Elective

The balance of credits to achieve

A minimum of 40 credits

May come from the following

| Field | Subfield | Domain |
|----------|-------------------------|--------|
| Business | Accounting | Any |
| | Business Administration | Any |

| Field | Subfield | Domain |
|--------------------------------------|-------------------------------------|---|
| | Business Operations and Development | Any |
| | Management | Any |
| Computing and Information Technology | Computing | Generic Computing |
| Core Generic | Core Generic | Any |
| Engineering and Technology | Mechanical Engineering | Any |
| Health | Occupational Health and Safety | Occupational Health and Safety Practice |
| Humanities | Communication Skills | Any |
| | English | Any |
| | Languages | English for Speakers of Other Languages |
| Manufacturing | Glass and Glazing | Glass Container Manufacturing |
| | Manufacturing Skills | Competitive Manufacturing Manufacturing Processes |
| | Plastics Processing Technology | Any |
| Sciences | Mathematics | Any |

Transition Arrangements

Version 2

Version 2 was issued following review.

Changes to structure and content

- Standards 497, 3503, 9707 and 19506 are no longer listed in the compulsory section of the qualification. These standards continue to form part of the qualification within their designated domains in the elective section.
- The elective section consists of specified subfields and domains rather than a range of standards. All standards previously listed are included within those classifications.
- The purpose statement has been updated as the qualification is no longer a prerequisite for Ref: 1359.

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 |
|------------|-------------|
| 18921 | 23062 |

There are no transition consequences arising from these changes.

Previous version of the qualification

Version 1 of this qualification replaced the Glass Containers strand of the National Certificate in Materials Processing (Level 1) [Ref: 1072]. There were significant changes between the content and structure of the two qualifications. The transition arrangements expired in December 2009.

Additionally, the General strand and all the Plastics strands of the National Certificates in Materials Processing at Levels 1, 2, and 3 [Refs: 1072, 1073, 1074] were replaced by the National Certificates in Plastics Processing Technology (Production) at Levels 1, 2, and 3 with strands [Refs: 1361, 1362, 1363], and the Paint Manufacturing strand of the National Certificates in Materials Processing at Levels 1, 2 and 3 [Refs: 1072, 1073, 1074] were replaced by the National Certificates in Paint Manufacturing at Levels 2 and 3 [Refs: 1364, 1365].

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 |
|------------|-------------|
| 536 | 8492 |
| 1292 | 10790 |
| 18921 | 23062 |

Other standard setting bodies whose standards are included in the qualification

NZQA

Certification

The certificate will display the logos of NZQA, Competenz Incorporated and the accredited organisation.

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 |
| 1798 | Manufacturing > Glass and Glazing > Glass Container Manufacturing | 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