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| Title | Carry out glass reinforced concrete pre-cast production operations | | |
| Level | 3 | Credits | 15 |

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| Purpose | People credited with this unit standard are able to: set up and operate glass reinforced concrete (GRC) equipment; clean and maintain GRC equipment; cast in framework and fittings; and complete work operations |
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| Classification | Construction Trades > Concrete Production |
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| Available grade | Achieved |
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Guidance Information

- 1 Definition
GRC refers to glass reinforced concrete.
- 2 Legislation relevant to this unit standard includes: Health and Safety in Employment Act, 1992.
- 3 Assessment against this unit standard must be undertaken on site. *On site* refers to a wide range of building and construction environments within which trade skills are required, and includes concrete production and concrete construction sites.

Outcomes and performance criteria

Outcome 1

Set up and operate GRC equipment.

Performance criteria

- 1.1 Equipment is set up in accordance with workplace practice and job specifications.
- 1.2 Equipment is operated in accordance with workplace practice.
- 1.3 Rolling and finishing is completed in accordance with job specifications.

Range cast-in items, reinforcing frame, gravity blocks, lips and edges.
- 1.4 Product is stripped and removed from mould in accordance with workplace practice.

Outcome 2

Clean and maintain GRC equipment.

Performance criteria

- 2.1 Equipment is cleaned in accordance with workplace practice.
- 2.2 Routine maintenance is carried out in accordance with workplace practice.
- Range rotor, stator, cutter blades, hoses, nozzles.

Outcome 3

Cast in framework and fittings.

Performance criteria

- 3.1 Structural framework is fixed in accordance with job specifications and workplace practice.
- Range frames, gravity blocks.

Outcome 4

Complete work operations.

Performance criteria

- 4.1 All operations are carried out with hazard control procedures in place for identified hazards in accordance with manufacturer's recommendations, site safety plan and Health and Safety in Employment Act, 1992.
- 4.2 Documentation is completed and processed in accordance with workplace practice.

This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

| Process | Version | Date | Last Date for Assessment |
|--------------|---------|------------------|--------------------------|
| Registration | 1 | 21 May 1999 | 31 December 2023 |
| Revision | 2 | 12 February 2003 | 31 December 2023 |
| Review | 3 | 26 July 2004 | 31 December 2023 |
| Review | 4 | 28 October 2021 | 31 December 2023 |

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| Consent and Moderation Requirements (CMR) reference | 0048 |
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

This unit standard is expiring