

Title	Glaze a frameless glass shower door and screen		
Level	4	Credits	4

Purpose	<p>A person credited with this standard can:</p> <ul style="list-style-type: none"> • explain compliance requirements for glazing frameless glass shower doors and screens; • prepare to glaze a frameless glass shower door and screen; • glaze a frameless glass shower door and screen; and • complete cleaning and storage requirements.
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Classification	Construction Trades > Glazing
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Available grade	Achieved
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Guidance Information

1 Assessment

This unit standard must be assessed under the supervision of a commercially competent glazing practitioner in workplace conditions that reflect:

- current health, safety, industry, and workplace requirements; and
- industry requirements for commercially acceptable timeframes.

Evidence generated for assessment against this standard must be verified by a person who has current expertise in the glazing trades and has had the opportunity to regularly observe the candidate in the workplace.

Glazing must be completed without injury to personnel or damage to products and equipment. Personal protective equipment must be used to meet regulatory and worksite requirements.

2 Definitions

Personal protective equipment includes – anything used or worn by a person (including clothing) to minimise risks to the person's health and safety.

Worksite requirements refer to instructions to staff on policy and procedures which are documented in manual format and are available in the workplace. These requirements include – company specifications and procedures, work instructions, manufacturer's specifications, product quality specifications, legislative requirements.

3 Evidence generated for assessment against this standard must reflect the best practice guidelines and principles specified in:

- NZS 4223.1:2008. *Glazing in buildings – Part 1: Code of practice for glazing in buildings - Glass selection and glazing;*
- NZS 4223.2:2016. *Glazing in buildings – Part 2: Insulating Glass Units;*

- NZS 4223.3:2016. *Glazing in buildings – Part 3: Human impact safety requirements*;
 - AS/NZS 4667:2000. *Quality requirements for cut-to-size and processed glass*;
 - AS/NZS 4668:2000. *Glossary of terms used in the glass and glazing industry*.
- AS/NZS and NZS standards are available at <http://www.standards.govt.nz>.

Outcomes and performance criteria

Outcome 1

Explain compliance requirements for glazing frameless glass shower doors and screens.

Performance criteria

1.1 Explain compliance requirements for glazing frameless shower doors and screens.

Range drilled hole sizes and locations, hardware and fixing selection, building code requirements, waterproofing.

Outcome 2

Prepare to glaze a frameless glass shower door and screen.

Performance criteria

2.1 Confirm the job specifications with the customer.

Range design details, drawings and specifications, product information, shower rose and mixer position, water egress, door operation.

2.2 Check and gather equipment, tools, and glazing materials before work begins.

2.3 Undertake a site check before work begins.

Range measurements, fixing provisions, surrounds are plumb and/or level, installation, waterproof membranes.

Outcome 3

Glaze a frameless glass shower door and screen.

Performance criteria

3.1 Position and fix channels and or clamps.

3.2 Position glass panels.

3.3 Seal joints.

3.4 Install door, door hardware and accessories.

Range fitting door, door handles and seals, fixing shelves, bracing panels or fittings, hinges.

3.5 Check the shower door or screen glazing meets the job specifications.

Range channels or clamps systems, waterproofing methods, joints sealing, hardware and accessory position and fixing method, water egress, door operation, functionality.

3.6 Clean the glass after glazing.

3.7 Provide the customer with information about maintenance requirements.

Outcome 4

Complete cleaning and storage requirements.

Performance criteria

4.1 Clean and store tools and plant used to glaze frameless glass shower doors or screens.

Range plant may include – any machinery, vehicle, equipment (including personal protective equipment) used in a glazing operation.

4.2 Clean the installation and clear and clean the work area.

Replacement information	This unit standard, unit standard 20504, unit standard 20512, unit standard 20519, unit standard 20520, and unit standard 20521 replaced unit standard 2042, unit standard 2044, and unit standard 2047.
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Planned review date	31 December 2027
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	27 April 2004	31 December 2013
Review	2	21 May 2010	31 December 2017
Review	3	18 June 2015	31 December 2024
Review	4	24 November 2022	N/A

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>.

Comments on this unit standard

Please contact Waihanga Ara Rau Construction and Infrastructure Workforce Development Council qualifications@waihangaararau.nz if you wish to comment on the content of this unit standard.