

Title	Re-glaze a window frame		
Level	4	Credits	2

Purpose	A person credited with this standard can: <ul style="list-style-type: none"> • prepare to re-glaze a window frame; • de-glaze a window frame; and • glaze a window frame.
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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 building and construction trades and has had the opportunity to regularly observe the candidate in the workplace.

- 2 Installations 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.

3 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.

- 4 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 4668:2000. *Glossary of terms used in the glass and glazing industry.*

AS/NZS and NZS standards are available at <https://www.standards.govt.nz/>.

Outcomes and performance criteria

Outcome 1

Prepare to re-glaze a window frame.

Performance criteria

1.1 Confirm customer requirements and job specifications before work begins.

Range scope of work, documentation, measurements, glass type, materials and quantities, labour, site access requirements.

1.2 Check and gather equipment, tools, and installation materials before work begins.

1.3 Prepare the work area to prevent damage to surrounding area and protect public safety.

Range surrounding area includes – furnishings, fixtures and fittings, exterior surfaces;
public safety includes – warning signs, barriers or cordons.

Outcome 2

De-glaze a window frame.

Range steel, timber, aluminium, unplasticized polyvinyl chloride.

Performance criteria

2.1 Remove glass and clear the rebates without damaging the frame.

Range clearing includes but is not limited to – putty, sprigs, clips, tapes, sealants, beads, drains.

2.2 Dispose of the waste glass.

2.3 Prepare the rebates for glazing.

Outcome 3

Glaze a window frame.

Range glazing unit may include – annealed glass, toughened glass, laminated glass, insulating glass units (IGUs).

Performance criteria

3.1 Select glass to match framing, situation, and regulatory requirements.

- 3.2 Select a glazing method compatible with the frame and situation.
- 3.3 Check the rebate before glazing.
- Range free of obstructions, clean, dry, primed and/or sealed, compatible with glazing material and glazing system.
- 3.4 Position the setting blocks, location blocks, and distance pieces.
- 3.5 Cut glass within tolerances specified by the manufacturer for the glass type and situation.
- 3.6 Fix the glass to meet industry standards for glass type and situation.
- Range fixing methods may include – putty, sprigs, brads, beads, clips, wedges, gaskets, tapes, sealants.
- 3.7 Check glazing and address any imperfections.
- Range scratches, damaged edges, bead damage, frame damage, pane movement.
- 3.8 Provide information to the client about maintenance and warranty requirements.
- Range paint finish (time and coverage) cleaning, drainage.

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	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 at qualifications@waihangaararau.nz if you wish to suggest changes to the content of this unit standard.