

Title	Glaze frames		
Level	4	Credits	15

Purpose	<p>This unit standard is for experienced people working in the glazing industry.</p> <p>People credited with this unit standard are able to: prepare to glaze frames; and glaze frames.</p>
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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 practitioner in construction 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 Range

Glass types may include – annealed, toughened, laminate;
frame types may include – timber, steel, aluminium, sashes, fixed frame, hinged doors, sliding doors.

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

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 memo or 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*;
 - NZS 4223.4:2008. *Glazing in buildings - Part 4: Wind, dead, snow, and live actions*;
 - 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.co.nz>.

Outcomes and performance criteria

Outcome 1

Prepare to glaze a frame.

Performance criteria

- 1.1 Select glazing materials and sealants to meet the job specifications.
- 1.2 Check and gather equipment, tools, and glazing materials before work begins.
- 1.3 Check the frame and remedy any issues.

Range obstruction free, clean, dry, primed and/or sealed, compatible with glazing material and glazing system, clear drainage.

Outcome 2

Glaze a frame with monolithic glass

Range four of – putty fronting, bead glazing with putty, bead glazing with butyl tape, bead glazing with foam tape, bead glazing with sealants, combination methods, bead glazing with wedge, pressure bead glazing.

Performance criteria

- 2.1 Glaze a frame to meet the job specification.
- Range may include but is not limited to – disassemble frame, re-assemble frame.
- 2.2 Provide the customer with information about maintenance requirements.

Outcome 3

Complete cleaning and storage requirements.

Performance criteria

3.1 Clean and store tools, plant and equipment used to glaze frames.

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

3.2 Clean the glazing and clear and clean the work area.

Replacement information	This unit standard replaced unit standard 20515, unit standard 20516, and unit standard 20517.
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	18 June 2015	31 December 2024
Review	2	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.