

Title	Glaze Insulated Glass Units (IGUs)		
Level	4	Credits	5

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 IGUs, and glaze IGUs.</p>
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Classification	Glass and Glazing > Flat Glass
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Available grade	Achieved
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Guidance Information

- Definition**
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.
- Legislation and standards relevant to this unit standard include –** Building Act 2004, Health and Safety in Employment Act 1992, New Zealand Standard (NZS) 4223.3:1999 *Glazing in buildings – Human impact safety requirements*, NZS 4223 Parts 1 and 2:1985 *Code of practice for glazing in buildings*, available at <http://www.standards.co.nz>.

Outcomes and performance criteria

Outcome 1

Prepare to glaze IGUs.

Performance criteria

- 1.1 Key principles and methods in the glazing of IGUs are explained in terms of worksite requirements.

Range key principles include – prevention of moisture attack, compatibility of components, level of solar radiation exposure, frame design; methods include – drained (gasket sections, wedges, glazing tapes, glazing tapes with sealant capping); non-drained (glazing tapes with sealant capping).

- 1.2 Glazing materials are selected in terms of their suitability for the glazing method selected, their solar and thermal performance, and the specifications for the work.
- 1.3 All necessary equipment, tools, and glazing materials are checked and assembled before work begins in accordance with worksite requirements.
- 1.4 Frame to be glazed is checked in accordance with worksite requirements.
- Range checks include – obstruction free, clean, dry, primed and/or sealed, compatibility with glazing material and glazing system.

Outcome 2

Glaze IGUs.

Performance criteria

- 2.1 Joints are sealed in accordance with worksite requirements.
- 2.2 Glazing of IGUs meets the job specifications and worksite requirements.
- 2.3 Operations are completed without injury to personnel or damage to product and equipment in accordance with the job specifications and worksite requirements.
- 2.4 Glass is cleaned and work area is left clear and cleaned in accordance with worksite requirements.
- 2.5 Customer is advised of any relevant maintenance requirements in accordance with worksite requirements.

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	27 April 2004	31 December 2013
Review	2	21 May 2010	31 December 2017
Review	3	18 June 2015	31 December 2025
Review	4	24 November 2022	31 December 2025
Rollover	5	24 October 2024	31 December 2025

Consent and Moderation Requirements (CMR) reference

0048

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>