

<b>Title</b>	<b>Glaze Insulated Glass Units (IGUs)</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	<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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<b>Classification</b>	Glass and Glazing > Flat Glass
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<b>Available grade</b>	Achieved
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### Guidance Information

#### 1 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.

#### 2 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 2024
Review	4	24 November 2022	31 December 2024

**Consent and Moderation Requirements (CMR) reference**

0048

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