

Title	Install glass into canopies		
Level	4	Credits	10

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: demonstrate knowledge of installing glass canopies; and prepare to install, and install glass into canopies.</p>
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Classification	Glass and Glazing > Flat Glass
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Available grade	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*, Australian and New Zealand Standard (AS/NZS) 1170.0:2002 *Structural design actions – General principles*, AS/NZS 1576.7:2010 *Scaffolding – General Requirements*, available at <http://www.standards.co.nz>.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of installing glass canopies.

Performance criteria

- 1.1 Different types of glass canopies are explained in terms of their advantages and disadvantages.

Range	types may include – glazing bar, point fixed, spider fixed, tie rod; evidence of two is required.
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1.2 Specific requirements related to glass canopies are explained in terms of their design and impact on the quality of the finished product.

1.3 Issues related to the performance of glass canopies are identified and described in terms of remedial actions required.

Range issues may include – glass type, thickness, fittings, support and structure interfaces, glass stresses; evidence of three is required.

Outcome 2

Prepare to install glass into canopies.

Performance criteria

2.1 Customer's design requirements are confirmed before work begins in accordance with worksite requirements.

Range requirements include – design details, dimensions, drawings and specifications, product information, site operational procedures.

2.2 All necessary equipment, tools, and installation materials are checked and assembled before work begins in accordance with worksite requirements.

2.3 Installation site check is completed in accordance with worksite requirements.

Range site check includes – measurements, site floor levels and allowance for floor finishes, suitability and location of fixing provisions, if surrounds are plumb and/or level, any installation hazards or problems.

2.4 Construction process is planned in accordance with worksite requirements.

Range planning includes – cost, time, working drawings, engineering requirements, availability of materials.

Outcome 3

Install glass into canopies.

Performance criteria

3.1 Set-out of glass meets the design, the job specifications, and worksite requirements.

3.2 Installation of glass meets the job specifications and worksite requirements.

3.3 Operations are completed without injury to personnel or damage to product and equipment in accordance with the job specifications and worksite requirements.

- 3.4 Installation is cleaned and work area is left clear and cleaned in accordance with worksite requirements.
- 3.5 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	18 June 2015	31 December 2024
Review	2	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>.