

<b>Title</b>	<b>Glaze internal partition systems</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	<p>A person credited with this standard can:</p> <ul style="list-style-type: none"> <li>• explain compliance requirements for internal glass partition systems;</li> <li>• explain the acoustic performance of glass used in internal partitions;</li> <li>• prepare to glaze internal partition systems;</li> <li>• glaze internal partition systems; and</li> <li>• complete cleaning and storage requirements.</li> </ul>
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<b>Classification</b>	Construction Trades > Glazing
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<b>Available grade</b>	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 glazing trades and has had the opportunity to regularly observe the candidate in the workplace.

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.

### 2 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.

### 3 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 <http://www.standards.govt.nz>.

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## Outcomes and performance criteria

### Outcome 1

Explain compliance requirements for internal glass partitions systems.

Range framed partitions, frameless partitions.

#### Performance criteria

1.1 Explain glass type and gauge compliance requirements in glass partition systems.

Range annealed, toughened, laminate and thickness.

1.2 Identify and explain the installation compliance requirements for internal partition systems.

Range edge cover, edge clearance, frame material, frame fixing, glazing method, bead design, glazing tapes and gaskets, butt joints, sealants.

### Outcome 2

Explain the acoustic performance of glass used in internal partitions.

#### Performance criteria

2.1 Explain how glass type can achieve Sound Transmission Class (STC) ratings for internal partitions.

Range acoustic glass, double glazing, insulated glass units.

2.2 Explain how installation method can achieve Sound Transmission Class (STC) ratings for internal glass partitions.

### Outcome 3

Prepare to glaze internal partition systems.

**Performance criteria**

3.1 Confirm the design requirements and job specifications with the customer before work begins.

Range design details, dimensions, drawings, product information, site operational procedures.

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

3.3 Undertake a site check for the installation.

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

3.4 Plan the installation.

Range time, working drawings, engineering requirements, availability of materials.

**Outcome 4**

Glaze internal partition systems.

**Performance criteria**

4.1 Confirm the glass meets the design requirements and job specifications.

4.2 Glaze internal partition systems to meet a job specification.

Range fit channel where required, place block, install glass, wedge rubber and/or silicone.

4.3 Provide information to the customer about any relevant maintenance requirements.

**Outcome 5**

Complete cleaning and storage requirements.

**Performance criteria**

5.1 Clean and store tools and plant used to glaze internal partition systems.

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

5.2 Clean the installation and clear and clean the work area.

<b>Planned review date</b>	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	18 June 2015	31 December 2024
Review	2	24 November 2022	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	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 Waihangā Ara Rau Construction and Infrastructure Workforce Development Council at [qualifications@waihangaararau.nz](mailto:qualifications@waihangaararau.nz) if you wish to suggest changes to the content of this unit standard.