

<b>Title</b>	<b>Demonstrate knowledge of glass types and their application</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	<p>This theory-based entry-level unit standard is for people who work in the glass processing or glazing sectors of the glass industry.</p> <p>People credited with this unit standard are able to demonstrate knowledge of the functional requirements and applications of glass types selected to meet structural and environmental requirements.</p>
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<b>Classification</b>	Glass and Glazing > General Glass and Glazing
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<b>Available grade</b>	Achieved
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## Guidance Information

### Definitions

*Applications* – refer to the common uses for the glass.

*Environmental requirements* – refer to applications where it is the requirement of the glass to help control the environment within a structure.

*Functional requirements* – refer to the reasons for the development of the glass type.

*Structural requirements* – refer to applications where the glass is part of the strength or security of a structure.

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## Outcomes and performance criteria

### Outcome 1

Demonstrate knowledge of the functional requirements and applications of glass types selected to meet structural requirements.

Range structural requirements include – safety, security, fire resistance, wind loading; evidence of a glass type is required for each structural requirement.

### Performance criteria

- 1.1 Functional requirements of each glass type are identified and described in terms of their purpose and typical application.

## Outcome 2

Demonstrate knowledge of the functional requirements and applications of glass types selected to meet environmental requirements.

Range environmental requirements include – solar control, ultraviolet light elimination, glare control, thermal insulation, sound insulation, privacy;  
evidence of a glass type is required for each environmental requirement.

### Performance criteria

2.1 Functional requirements of each glass type are identified and described in terms of their purpose and typical application.

**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#### Status information and last date for assessment for superseded versions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	20 September 2002	31 December 2013
Review	2	21 November 2008	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>.