Title	Demonstrate knowledge of glass types and their application

Level	3	Credits	5

Purpose	This theory-based entry-level unit standard is for people who work in the glass processing or glazing sectors of the glass industry. 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.

Classification	Glass and Glazing > General Glass and Glazing

Available grade	Achieved

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.

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Status information and last date for assessment for superseded versions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 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.