

Title	Measure and glaze bent glass		
Level	4	Credits	5

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 prepare to measure and glaze, and measure and glaze bent glass.</p>
----------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Classification	Glass and Glazing > Flat Glass
-----------------------	--------------------------------

Available grade	Achieved
------------------------	----------

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 – the Building Act 2004, Health and Safety in Employment Act 1992, New Zealand Standard (NZS) 4223.3:1999 *Glazing in buildings – Human impact safety requirements*, available at <http://www.standards.co.nz>.
- 3 Range

This unit standard applies to annealed, toughened and laminated glass and Insulated Glass Units (IGUs).

Outcomes and performance criteria

Outcome 1

Prepare to measure and glaze bent glass.

Performance criteria

- 1.1 Bent glass is identified and explained in terms of its properties and applications.

Range	evidence is required of an example for each type of glass in the range.
-------	-------------------------------------------------------------------------

- 1.2 Selection of glazing method to glaze bent glass reflects its suitability for the specifications for the work.
- 1.3 Selection of glazing materials reflects their suitability for the glazing method selected and/or the specifications for the work.
- 1.4 Selection of sealants reflects their suitability for the glazing method selected and/or the specifications for the work.
- 1.5 Material required for making a template is selected in accordance with the glazing method selected and/or the specifications for the work.
- 1.6 Template is made to meet the job specifications and is in accordance with worksite requirements.
- 1.7 All necessary equipment, tools, and glazing materials are checked and assembled before work begins in accordance with worksite requirements.
- 1.8 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, compatibility with glazing system.

Outcome 2

Measure and glaze bent glass.

Performance criteria

- 2.1 Glazing of bent glass meets the job specifications and worksite requirements.
- Range requirements include – reassembly of sash, correct blocking, correct orientation, gaskets or wedges are not stretched, wedges are correctly located and meet tightly in corners and cut-off joint, gaskets and tapes are sealed at corners.
- 2.2 Operations are completed without injury to personnel or damage to product and equipment in accordance with the job specifications and worksite requirements.
- 2.3 Glass is cleaned and work area is left clear and cleaned in accordance with worksite requirements.
- 2.4 Customer is advised of any relevant maintenance requirements in accordance with worksite requirements.

Replacement information	This unit standard, unit standard 20512, unit standard 20518, unit standard 20519, unit standard 20520, and unit standard 20521 replaced unit standard 2042, unit standard 2044, and unit standard 2047.
--------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

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>.