

Title	Calculate material quantities and price a simple glazing work		
Level	3	Credits	4

Purpose	A person credited with this standard can, for a simple glazing work: <ul style="list-style-type: none"> • calculate glazing material quantities; and • price glazing materials.
----------------	---

Classification	Construction Trades > Glazing
-----------------------	-------------------------------

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

Guidance Information

1 Assessment

This unit standard must be assessed under the supervision of a commercially competent 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.

2 Definitions

Simple glazing work is a glazing installation involving a single panel of flat glass requiring a maximum of two processes to be applied to the glazing material.

Worksite procedures refers to site specific documented instructions and formats used by the glazier to calculate material quantities for pricing a simple glazing work.

3 Evidence generated for assessment against this standard must reflect workplace procedures and industry requirements specified in:

- statutory and regulatory requirements applicable to the building and construction industry.

4 References

- 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;*
 - AS/NZS 4667:2000. *Quality requirements for cut-to-size and processed glass;*
 - 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/>.

Outcomes and performance criteria

Outcome 1

Calculate glazing material quantities for a simple glazing work.

Performance criteria

1.1 Follow worksite procedures to calculate material quantities for pricing.

Range use of references, drawings and specifications, tables and charts from industry standards, measurements taken and confirmed on site, recording information using approved format.

1.2 Confirm material quantities.

Range check dimensions, check application, check reference sources.

Outcome 2

Price glazing materials for a simple glazing work.

Performance criteria

2.1 List material details.

Range glass type, thickness, weight, dimensions, quantity of pieces, installation method, fixing methods and materials.

2.2 Price materials.

Range total items, unit price rates, item costs accepted terms, calculations used to obtain item totals and costs expressed according to workplace procedure.

2.3 Present materials pricing to customer.

Range formats, accuracy, legibility, GST requirements, completeness of detail.

Planned review date	31 December 2027
----------------------------	------------------

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	N/A

Consent and Moderation Requirements (CMR) reference

0048

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Waihanga Ara Rau Construction and Infrastructure Workforce Development Council at qualifications@waihangaararau.nz if you wish to suggest changes to the content of this unit standard.