

Title	Notch and cut out glass manually		
Level	4	Credits	10

Purpose	<p>This unit standard is for experienced people in the glass processing industry.</p> <p>People credited with this unit standard are able to select and mark glass for notching and cutting out, and notch and cut out glass to specifications.</p>
----------------	---

Classification	Glass and Glazing > Glass Processing and Manufacturing
-----------------------	--

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 relevant to this unit standard includes – Health and Safety at Work Act 2015.

Outcomes and performance criteria

Outcome 1

Select and mark glass for notching and cutting out.

Performance criteria

- 1.1 Preparation of work area and personal safety precautions are carried out in accordance with worksite requirements.

Range	preparation includes – selection and use of protective clothing and safety equipment, identification of hazards, ventilation of production area, clearing work area, ensuring cleanliness of work area.
-------	---
- 1.2 Mark-out and processing areas are checked to ensure they are clear of debris and abrasive material before work commences in accordance with worksite requirements.

- 1.3 Glass is selected to meet the job specification requirements for type, thickness, and size and is checked for imperfections before notching and cutting in accordance with worksite requirements.
- 1.4 Glass is cleaned, if required, and further processing requirements are marked out in accordance with the job specifications and worksite requirements.

Outcome 2

Notch and cut out glass to specifications.

Performance criteria

- 2.1 Equipment is prepared in accordance with worksite requirements.

Range preparation includes – selection of drill bits and cutting or grinding tools; checking of coolant or lubricant; checking machine condition and set-up; checking jigs or templates.
- 2.2 Equipment is operated in accordance with worksite requirements.
- 2.3 Process is completed without damage to the glass or equipment, or danger to the operator or others.
- 2.4 Completed processes are checked for compliance with the job specifications and worksite requirements.
- 2.5 Work area and equipment are left clean and free from process debris in accordance with worksite requirements.
- 2.6 Finished glass is cleaned, labelled or marked, and prepared for further processing or dispatch in accordance with worksite requirements.

Replacement information	This unit standard, unit standard 20513, and unit standard 20522 replaced unit standard 2039, unit standard 2052, and unit standard 2053.
Planned review date	31 December 2022

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	N/A
Rollover and Revision	4	25 August 2022	N/A

Consent and Moderation Requirements (CMR) reference	0073
--	------

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

Comments on this unit standard

Please contact Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council at qualifications@hangaarorau.nz if you wish to suggest changes to the content of this unit standard.