

Title	Drill and countersink glass		
Level	4	Credits	5

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 drilling and drill and countersink glass.</p>
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Classification	Glass and Glazing > Glass Processing and Manufacturing
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Available grade	Achieved
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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 drilling.

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.
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- 1.2 Glass is selected to meet the job specification requirements for type, thickness, and size and is checked for imperfections before use in accordance with worksite requirements.

- 1.3 Glass is cleaned and drilling requirements are marked out in accordance with the job specifications and worksite requirements.

Outcome 2

Drill and countersink glass.

Performance criteria

- 2.1 Machine is set-up in accordance with the job specifications and worksite requirements.

Range set-up includes – loader settings or drilling machine settings.

- 2.2 Machine is operated in accordance with worksite requirements.

Range operation includes – loading, drilling, unloading.

- 2.3 Glass is drilled and countersunk in accordance with worksite requirements.

- 2.4 Holes are checked for compliance with the job specifications.

- 2.5 Finished glass is cleaned, labelled or marked, and prepared for further processing or dispatch in accordance with worksite requirements.

- 2.6 Drilling residue is cleaned from machine and work area is left clean and free from drilling debris in accordance with worksite requirements.

Replacement information	This unit standard and unit standard 20514 replaced unit standard 2040.
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Planned review date	31 December 2022
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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
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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.