

<b>Title</b>	<b>Demonstrate knowledge of the requirements for working with leadlights</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	<p>This theory-based unit standard is for experienced people in the glass processing industry working with decorative glass.</p> <p>People credited with this unit standard are able to describe safety requirements, and demonstrate knowledge of materials used when working with leadlights.</p>
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<b>Classification</b>	Glass and Glazing > Glass Processing and Manufacturing
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<b>Available grade</b>	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, Health and Safety in Employment Regulations 1995, Hazardous Substances and New Organisms Act 1996, Resource Management Act 1991.

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### Outcomes and performance criteria

#### Outcome 1

Describe safety requirements for working with leadlights.

#### Performance criteria

- 1.1 The materials used in leadlighting are described in terms of potential hazards and safety requirements.
 

Range	evidence of a minimum of three potential hazards and/or safety requirements is required.
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1.2 The processes used in leadlighting are described in terms of potential hazards and safety requirements.

Range evidence of a minimum of three potential hazards and/or safety requirements is required.

## Outcome 2

Demonstrate knowledge of materials used when working with leadlights.

### Performance criteria

2.1 The types, properties and uses of comes are described in terms of the leadlighting process.

Range comes include – lead, brass, copper, zinc.

2.2 The types, properties and uses of glass are described in terms of the leading process.

Range glass includes – float, tinted, stained.

2.3 Leading tools are described in terms of type and application in the leading process.

2.4 Methods of cutting different types of glass are demonstrated in accordance with worksite requirements.

Range methods include – cutting without the need for excessive grinding, convex tight curves, concave tight curves;  
types include – different coloured glass, different textures of glass, different thicknesses of glass;  
evidence of three of each of the different types listed above is required.

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<b>Replacement information</b>	This unit standard, unit standard 25776, and unit standard 25777 replaced unit standard 2055.
<b>Planned review date</b>	31 December 2022

**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	19 June 2009	31 December 2017
Review	2	18 June 2015	N/A
Rollover and Revision	3	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](mailto:qualifications@hangaarorau.nz) if you wish to suggest changes to the content of this unit standard.