

<b>Title</b>	<b>Handle, store and move glass</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	<p>A person credited with this standard can:</p> <ul style="list-style-type: none"> <li>• prepare to handle, move, and store glass; and</li> <li>• handle, move, and store glass.</li> </ul>
----------------	--

<b>Classification</b>	Construction Trades > Glazing
-----------------------	-------------------------------

<b>Available grade</b>	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 glass processing or automotive reglazing industry and has had the opportunity to regularly observe the candidate in the workplace.

- 2 Glass must be moved without injury to personnel or damage to products and equipment. Personal protective equipment must be used to meet regulatory and worksite requirements.

#### 3 Range

Handling, moving and storing glass is limited to the confines of an automotive reglazing operation or a glass processing plant and does not involve loading and unloading glass from vehicles.

Glass can be moved manually or with mechanical handling systems.

#### 4 Definitions

*Personal protective equipment* includes – anything used or worn by a person (including clothing) to minimise risks to the person's health and safety.

*Worksite requirements* refer to instructions to staff on policy and procedures which are documented in 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.

- 5 Evidence generated for assessment against this standard must reflect workplace and industry requirements specified in:
- statutory and regulatory requirements applicable to the building and construction industry;
  - documented worksite specifications, procedures, and practices;
  - manufacturer recommendations, specifications, and technical data sheets;
  - applicable material safety data sheets.

---

## Outcomes and performance criteria

### Outcome 1

Prepare to handle, move, and store glass.

#### Performance criteria

- 1.1 Before handling, moving, and storage, inspect the glass for damage. Remove and dispose the damaged glass in designated location.
- 1.2 Select lifting gear for the glass size, weight, type of finish, special characteristics, and lifting gear certification.
- Range may include – joster, vacuum lifter, overhead lifting system, glass grabs.
- 1.3 Select moving gear for the glass size, weight, type of finish, special characteristics, and lifting gear certification.
- Range trolleys, retaining methods, provision for separation, lifting A frames.
- 1.4 Confirm the storage arrangements meet worksite requirements for the glass size, weight, type of finish, and special characteristics.
- Range storage arrangements may include – rack, supporting frame, pallet, trolley, lifting A frame.
- 1.5 Select and check a route for moving the glass before moving it.
- Range sufficient width and height clearances, free of obstructions or hazards.
- 1.6 Determine if assistance is required to move the glass and arrange assistance if required.

### Outcome 2

Handle, move, and store glass.

**Performance criteria**

2.1 Use safe lifting techniques to lift and place glass on moving equipment.

Range may include – protective clothing and equipment, number of people required for safe lifting, lifting e according to worksite procedures.

2.2 Use lifting and moving equipment to move glass.

2.3 Unload the glass from the moving equipment and store or place it for further processing.

2.4 Check equipment following use and ready it for re-use.

Range identify and report equipment faults, worn or damaged gear, store equipment, currency of loading certificates and weight limits.

<b>Replacement information</b>	This unit standard replaced unit standard 20498 and unit standard 20499.
--------------------------------	--

<b>Planned review date</b>	31 December 2027
----------------------------	------------------

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

Process	Version	Date	Last Date for Assessment
Registration	1	18 June 2015	31 December 2025
Review	2	24 November 2022	N/A
Revision	3	24 October 2024	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	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](mailto:qualifications@waihangaararau.nz) if you wish to suggest changes to the content of this unit standard.