

Title	Describe how to move large or complex glass panes using mechanical equipment		
Level	4	Credits	5

Purpose	A person credited with this standard can describe how to move large or complex glass panes using mechanical equipment.
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Classification	Construction Trades > Glazing
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Available grade	Achieved
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Guidance Information

1 Assessment

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.

2 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*;
 - NZS 4223.3:2016. *Glazing in buildings – Part 3: Human impact safety requirements*;
 - 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

Describe how to move large or complex glass panes using mechanical equipment.

Performance criteria

- 1.1 Describe equipment, its intended purpose, and use for moving large or complex panes of glass.

Range hiab, site crane, gantry crane, mini-crawler crane, specialist glass lifting machinery, sucker bank, grabs, pack lifter.

- 1.2 Describe compliance planning requirements for moving large or complex panes of glass.

Range statutory, local body requirements, traffic management, road closures.

- 1.3 Describe site safety procedures for moving large or complex panes of glass.

- 1.4 Describe the route requirements for the safe movement of large or complex panes of glass.

Range route requirements include – allows sufficient height and width for clear movement, leads to the required location, is free from obstructions or hazards, site access.

- 1.5 Describe storage requirements for large or complex panes of glass.

Range size, weight, type of finish, special characteristics, protection from impact and damage.

- 1.6 Describe safety requirements for controlled movement of large or complex panes of glass.

Range public exclusion zones, weather conditions, overhead clearances, safety of on-site workers.

Planned review date	31 December 2027
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Status information and last date for assessment for superseded versions

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

Consent and Moderation Requirements (CMR) reference	0048
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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 Waihangara Ara Rau Construction and Infrastructure Workforce Development Council at qualifications@waihangaraarau.nz if you wish to suggest changes to the content of this unit standard.