

40761**Manage logistics for moving and handling of glass for a complex glazing installation**

Kaupae Level	5
Whiwhinga Credit	20
Whāinga Purpose	<p>This skill standard is for people working in the glazing industry who intend to lead complex glazing system installations.</p> <p>This standard recognises the knowledge and skills required to manage the logistics for moving and handling of glass for a complex glazing system installation.</p> <p>This skill standard may contribute to New Zealand glazing qualifications at Level 5 and above.</p>

Hua o te ako me Paearu aromatawai | Learning outcomes and assessment criteria

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Confirm moving and handling requirements for a complex glazing installation.	a. Glass weight, dimensions, and moving equipment requirements are determined from job documentation and manufacturers' specifications.
	b. Moving equipment is selected suitable to the glass type and weight, allowing for site, access, and equipment limitations.
2. Manage logistics for moving and handling of glass for a complex glazing installation.	a. Moving plan is confirmed and communicated with team, stakeholders, and specialist equipment operators.
	b. The handling, lifting, moving, and unloading of glass is managed in accordance with health and safety, compliance, and product requirements throughout the installation.
	c. Glass is protected and stored to maintain site safety and glass quality and to reflect manufacturers' specifications.

Pārongo aromatawai me te taumata paearu | Assessment information and grade criteria***Assessment specifications:***

Evidence generated for assessment of this standard must be drawn from a project or projects that require movement and handling of complex glass panes, or glass items, and verified by a competent person who has current expertise in complex glazing installation projects. Complex glazing installation projects include those with higher risk, at height, requiring problem solving, requiring moving equipment, alternative solutions, proprietary systems, or where a system is outside a proprietary system.

Evidence must reflect industry requirements specified in:

- building and construction industry regulations.
- documented worksite specifications, procedures, and practices.
- mechanical equipment manufacturer recommendations, specifications, certifications, and technical data sheets.
- applicable material safety data sheets

Definition

Complex glazing systems may refer to glass installations that use multiple panels of toughened glass and require installation in a complex situation. These may include engineered canopies and facades; complex frameless systems balustrades that are curved, along stairways, and multi-level; glass floors and stair treads.

Ngā momo whiwhinga | Grades available

Achieved.

Ihirangi waitohu | Indicative content**Compliance**

- Building and construction regulations.
- Local authority rules and regulations.
- Traffic management and road closure.
- Safety on-site and on route.
- Route and access considerations.

Moving Equipment

- Hiab, site crane, gantry crane, mobile lifter, specialist glass lifting machinery, sucker bank, grabs, vacuum lifter, helicopter.
- Purpose.
- Operating limitations.
- Operator requirements.
- Compliance requirements.
- Equipment capabilities.
- Moving methodology.

Handling and Storage

- Glass pane size and weight.
- Type of finish.
- Special characteristics.
- Protection methods.

On-site considerations

- Access.
- Public exclusion zones.
- Weather conditions.
- Overhead clearances.
- Floor weight loadings.
- Traffic management.
- Emergency management.

Rauemi | Resources

Programme guidance available from qualifications@waihangaararau.nz.

Pārongo Whakaū Kounga | Quality assurance information

Ngā rōpū whakatau-paerewa Standard Setting Body	Waihanga Ara Rau Construction and Infrastructure Workforce Development Council
Whakaritenga Rārangi Paetae Aromatawai DASS classification	Planning and Construction > Construction Trades > Glazing
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0120

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1	28 August 2025	N/A
Kōrero whakakapinga Replacement information	N/A		
Rā arotake Planned review date	31 December 2025		

Please contact Waihanga Ara Rau Construction and Infrastructure Workforce Development Council at qualifications@waihangaararau.nz to suggest changes to the content of this skill standard.