

Title	Move glass products or materials to required locations in a glass processing environment		
Level	3	Credits	5

Purpose	People credited with this standard are able to move glass products or materials to required locations in a glass processing environment.
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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 Legislation and guidelines relevant to this unit standard include:
[Health and Safety at Work Act 2015](#);
[Preventing manual handling injuries | WorkSafe](#);
[Reporting health and safety incidents \(acc.co.nz\)](#);
Safe Use of Machinery: Best Practice Guidelines; available at www.worksafe.govt.nz.

Any new, amended or replacement Acts, regulations, standards, codes of practice, guidelines, or authority requirements or conditions affecting this unit standard will take precedence for assessment purposes.

- 2 Definitions
Job specifications refer to the scope of the work being undertaken. They include the objectives, quality requirements, deliverables, timeline, and budget.
Workplace procedures refer to documented procedures specific to a workplace that set out the standard and required practices of that workplace. These may include job specifications, procedures, practices, manufacturer recommendations, technical data sheets, and material safety data sheets.
- 3 Assessment
Evidence for this unit standard must reflect:
 - industry standards, current health, safety, industry, and workplace procedures;
 - job specifications and customer requirements;
 - industry requirements for commercially acceptable timeframes.

Outcomes and performance criteria

Outcome 1

Move glass products or materials to required locations in a glass processing environment.

Performance criteria

- 1.1 Lifting and moving equipment is selected based on the glass size, weight, type of finish, special characteristics, and lifting equipment certification.
- Range equipment may include but is not limited to – vacuum lifter, overhead lifting system, glass grabs, trolleys, retaining methods, provision for separation, and lifting A-frames.
- 1.2 Storage arrangements are confirmed based on the glass size, weight, type of finish, and special characteristics.
- Range storage arrangements may include but are not limited to – racks, supporting frames, pallets, and trolleys.
- 1.3 Intended route for moving the glass is planned and checked before the glass is lifted and shifted.
- Range route may include but is not limited to – sufficient width and height clearances, free of obstructions or hazards and risks.
- 1.4 Assessment is conducted to determine if assistance is needed for safely moving glass, and appropriate assistance is arranged accordingly.
- 1.5 Lifting and handling equipment is inspected and verified for safe use.
- Range verification and inspection include but are not limited to – protective clothing, safe lifting limit of equipment, selecting correct equipment, slings, holding devices, and lifting plans; equipment may include but is not limited to – vacuum lifter, overhead lifting system, glass grabs, trolleys, retaining methods, provision for separation, and lifting A-frames.
- 1.6 Manual lifting techniques are applied safely and correctly to minimise personal injury.
- Range manual techniques include – bending from the knees, avoiding bending at the back, observing workplace manual handling weight limit guidelines, the number of people required for safe lifting,
- 1.7 Glass is unloaded from the moving equipment and stored or placed for further processing.
- 1.8 Equipment is checked after use and prepared for re-use.
- Range checks may include but are not limited to – identifying and reporting equipment faults, worn or damaged equipment, storing equipment, currency of loading certificates and weight limits.
- 1.9 Damaged glass is safely removed and disposed of in the designated location.

Planned review date	31 December 2029
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	24 October 2024	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 qualifications@hangaarorau.nz if you wish to suggest changes to the content of this unit standard.