

Title	Maintain architectural aluminium joinery products		
Level	4	Credits	15

Purpose	<p>This unit standard is for experienced people employed to maintain architectural aluminium joinery products.</p> <p>People credited with this unit standard are able to prepare to maintain, and maintain, architectural aluminium joinery products.</p>
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Classification	Joinery > Architectural Aluminium Joinery
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Available grade	Achieved
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Guidance Information

- 1 Legislation and standards relevant to this unit standard include – Building Act 2004, Health and Safety at Work Act 2015, Resource Management Act 1991, New Zealand Building Code Compliance Documents and Handbooks. Wellington: Department of Building and Housing, 2008, available at <http://www.dbh.govt.nz/building-code-compliance-documents>, New Zealand Standard (NZS) 4211:2008 *Specification for performance of windows*, NZS 3504:1979 *Specification for aluminium windows*, NZS 3604:2011 *Timber-framed buildings*, AS/NZS 1170.0:2002 *Structural design actions – Part 0: General principles*, NZS 4223.3: 2016 *Glazing in buildings - Part 3: Glazing in buildings – Human impact safety requirements*, and Australian/New Zealand Standard (AS/NZS) 4666:2012 *Insulating glass units*, available at <http://www.standards.co.nz>; E2 AS/1 – *the Acceptable Solution E2/AS1: External Moisture*, available at <http://www.standards.co.nz>, <https://codehub.building.govt.nz/resources/e2as1-amd-9/>.
- 2 References
Insulated Glass Unit Manufacturers Association (IGUMA) guidelines and data sheets all available from the Window Association of NZ (Inc.), PO Box 11 464, Manners Street, Wellington.
BRANZ recommendations for installation, available at <http://www.branz.co.nz>.
- 3 Definition
Company procedures – the documents and procedures that include company rules, codes and practices; machine and equipment operating instructions; quality and conformance checks; and health and safety requirements.

Outcomes and performance criteria

Outcome 1

Prepare to maintain architectural aluminium joinery products.

Performance criteria

- 1.1 Products to be maintained are checked against client requirements.
 Range requirements include – type of maintenance, cost, timeframe, authorisation process.
- 1.2 Maintenance options are communicated and agreed with the client in accordance with company procedures.
- 1.3 Materials and equipment required for the maintenance process are prepared in accordance with company procedures.
- 1.4 Any repair or replacement requirements are confirmed with the client in accordance with company procedures.

Outcome 2

Maintain architectural aluminium joinery products.

Performance criteria

- 2.1 Products are cleaned in accordance with company procedures.
- 2.2 Rollers are replaced in accordance with company procedures.
- 2.3 Hinges and hardware are identified, checked and replaced in accordance with company procedures.
- 2.4 Door rails and hardware are identified, checked and replaced in accordance with company procedures.
- 2.5 Products are checked to ensure maintenance process meets client and any relevant standard requirements.
- 2.6 Any documentation and inspections are completed in accordance with company procedures and client requirements.

Planned review date	31 December 2026
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	21 May 2015	31 December 2025
Review	2	26 May 2022	N/A

Consent and Moderation Requirements (CMR) reference

0048

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.