

## Field **Manufacturing, and Planning and Construction**

### Review of *Glass and Glazing, Joinery, and Construction Trades* unit standards

Subfield	Domain	ID
Glass and Glazing	Flat Glass	28769
Joinery	Architectural Aluminium Joinery	550, 551, 554, 555, 557, 558, 22881-22884, 24740-24742, 24744, 24745, 25858, 28752, 28753
Construction Trades	Architectural Aluminium Joinery	556, 24743

Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council has completed the review of the unit standards listed above.

**Date new versions published**

**May 2022**

**Planned review date**

**December 2026**

#### Summary

During 2021, Building and Construction Industry Training Organisation (BCITO) reviewed the unit standards detailed above as part of the review of the: New Zealand Certificate in Architectural Aluminium Joinery (Level 3) with strands in Machining, and Fabrication [Ref: 2940]; New Zealand Certificate in Architectural Aluminium Joinery (Estimator) (Level 4) [Ref: 2941]; New Zealand Certificate in Architectural Aluminium Joinery (Installer) (Level 4) with optional strands in Repairs and Maintenance, and Retrofit Glass [Ref: 2942]; and New Zealand Certificate in Architectural Aluminium Joinery (Joiner) (Level 4) with optional strand in Computer Numerical Controlled Machinery [Ref: 2943].

Building industry peak bodies and subject matter experts were consulted as part of the review. The National Advisory Group endorsed the changes. Consultation included face to face meetings, on site visits, and follow up emails and phone calls. The review found that the standards were fit for purpose with some minor changes as detailed below.

#### Main changes

- Unit standard 28752 was expired and replaced by 33032 to meet new industry standards. The credit total was increased from 10 to 15 to reflect the increase in complexity and to allow sufficient time to meet assessment requirements.
- The credit totals for unit standards 28753 and 28769 were increased from 10 to 15 credits following feedback about actual learning and assessment time.
- References were updated.
- Unit standards 556 and 24743 are deemed no longer required by industry and are set to expire without replacement.
- The title of unit standard 551 was updated to better reflect content.

**The last date for assessment of category C and D unit standards is 31 December 2025.**

**The last date for assessment of superseded versions of Category B unit standards is 31 December 2025.**

## Impact on existing organisations with consent to assess

Current consent for			Consent extended to		
Nature of consent	Classification or ID	Level	Nature of consent	Classification or ID	Level
Standard	28752	4	Standard	33032	4

## Detailed list of unit standards – classification, title, level, and credits

All changes are in **bold**.

Key to review category	
<b>A</b>	Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new version number
<b>B</b>	Changes made, but the overall outcome remains the same - the new version of the standard carries the same ID and a new version number
<b>C</b>	Major changes that necessitate the registration of a replacement standard with a new ID
<b>D</b>	Standard will expire and not be replaced

### Manufacturing > Glass Glazing > Flat Glass

ID	Title	Level	Credit	Review Category
28769	Retrofit window joinery	4	10 <b>15</b>	B

### Manufacturing > Joinery > Architectural Aluminium Joinery

ID	Title	Level	Credit	Review Category
550	Demonstrate knowledge of the aluminium joinery industry	2	8	B
551	Store, handle and check aluminium joinery extrusions and components <b>Handle and store aluminium joinery extrusions and components</b>	3	5	B
554	Assemble aluminium joinery products	3	15	B
555	Prepare and fit reveals for aluminium joinery products	3	8	B
557	Check, store, load and despatch finished aluminium joinery products	3	5	B
558	Produce quotations for aluminium joinery products	4	15	B
22881	Machine aluminium extrusions for the manufacture of aluminium joinery products	3	8	B
22882	Assemble non-standard aluminium joinery products	4	10	B
22883	Demonstrate knowledge of assembly processes and assemble basic aluminium joinery products	2	8	B
22884	Cut aluminium extrusions for the manufacture of aluminium joinery products	3	8	B
24740	Cut aluminium extrusions for the manufacture of non-standard aluminium joinery products	4	8	B
24741	Machine and prepare aluminium extrusions for the manufacture of non-standard aluminium joinery products	4	8	B
24742	Prepare and fit reveals for non-standard aluminium joinery products	4	8	B
24744	Demonstrate knowledge of the principles and procedures for aluminium window installation	4	5	B
24745	Install aluminium windows and doors	4	10	B

ID	Title	Level	Credit	Review Category
25858	Prepare aluminium window schedules and specifications	4	15	B
28752	Repair non-standard architectural aluminium joinery products	4	10	C
<b>33032</b>	<b>Repair architectural aluminium joinery products</b>	<b>4</b>	<b>15</b>	<b>New</b>
28753	Maintain architectural aluminium joinery products	4	10 <b>15</b>	B

Planning and Construction >Construction Trades >Architectural Aluminium Joinery

ID	Title	Level	Credit	Review Category
556	Glaze aluminium joinery products	3	10	D
24743	Glaze non-standard (special) aluminium joinery products	4	8	D