

**FIELD                    PLANNING AND CONSTRUCTION****Review of *Architectural Aluminium Joinery* unit standards**

<b>Subfield</b>	<b>Domain</b>	<b>Id</b>
Construction Trades	Architectural Aluminium Joinery	559, 560, 22882, 24740-24745

Competenz has completed the review of the unit standards listed above.

**Date new versions published**

**June 2008**

**Planned review date**

**December 2013**

**Summary of review and consultation process**

The aluminium joinery industry has identified skills training needs that will enable it to be competitive nationally and internationally, to be responsive to changing legislation, and to align its skills and knowledge with the construction industry overall.

As part of this initiative, a career pathway for the industry, including a new level 4 qualification, was developed. A summary of the skills and knowledge needed by industry at a level above the existing manufacturing qualifications [Refs: 0765 and 0766] was approved by the Industry Advisory Group in 2005. These more advanced skills include installation, site measurement and quotation, and the manufacture of non-standard products.

The industry agreed that a logical progression of skills development needed to start with a review of the existing qualifications. These were reviewed and registered as new versions in 2007.

All of the reviewed and new standards submitted are intended for inclusion in the proposed Level 4 qualification.

The installation standards 559 and 560 have never been used and, since they were first registered, there have been major changes to legislation and industry codes of practice requiring a major revision of the standards.

The review of standards 559, 560, and 22882, and development of the new level 4 standards, was undertaken by the Competenz Qualifications Advisory Group for Architectural Aluminium Joinery. This group includes representatives of the 4 main proprietary systems suppliers, members of the National Fabricators group (the users of the qualification), employers of trainees currently enrolled for aluminium joinery qualifications, and the regional assessors of these programmes.

Both the Joinery Industry Training Organisation (JITO) and the Building and Construction Industry Training Organisation (BCITO) have been consulted and have been actively involved in the review and development process. Members of the JITO's glass advisory group have advised on the glass and glazing standards; and the BCITO on new building legislation and codes of practice, and the standards for installation.

The Window Association of NZ (Inc.) Technical Committee, responsible for the development of installation methods to comply with the new building legislation, joined the Qualifications Advisory Group for the development of the installation standards. The group met in July 26, 2007 and endorsed the new standards and the changes to standard 22882.

### Main changes resulting from the review

- Standards 559 and 560 have been replaced by a new standard 24745, that reflects important changes to industry standards and practice resulting from changes to legislation, particularly to the Building Act 2004.
- The special notes in standard 22882 have been changed to maintain consistency with the special notes in the new standards relating to the manufacture of non-standard aluminium joinery products.
- 5 new standards have been developed for a proposed new level 4 qualification.

**Unit standards categorised as category C will expire at the end of December 2009.**

### Impact on Accreditation and Moderation Action Plan (AMAP)

AMAP 0013 has been updated to reflect the changes made to the standards.

### Impact on existing qualifications

Qualifications that contain the reviewed standards or classifications are tabled below.

<b>Affected</b>	The qualification lists a reviewed classification (domain or subfield) in an elective set The qualification lists a standard that has changes to level or credits The qualification lists a C or D category standard
<b>Not materially affected</b>	The qualification lists a standard that has a new title The qualification lists a standard that has a new classification

The following qualification is affected by the outcome of this review. The standard setting body (SSB) has been advised that it requires revision.

Qualification title	Classification or standard in the qualification	SSB Name
National Certificate in Joinery (Aluminium Fabrication) [Ref: 0389]	559, 560	Joinery Industry Training Organisation

### Review Categories and changes to classification, title, level and credits

All changes are in **bold**.

<b>Key to review category</b>	
<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

Subfield Construction Trades  
 Domain Architectural Aluminium Joinery

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
559	Install residential aluminium joinery products	4	10	C
560	Prepare and install light commercial aluminium joinery products	4	12	C
<b>24745</b>	<b>Install residential and light commercial aluminium joinery products</b>	<b>4</b>	<b>10</b>	
22882	Assemble non-standard (special) aluminium joinery products	4	10	B
<b>24740</b>	<b>Cut aluminium extrusions for the manufacture of non-standard (special) aluminium joinery products</b>	<b>4</b>	<b>8</b>	<b>New</b>
<b>24741</b>	<b>Machine and prepare aluminium extrusions for the manufacture of non-standard (special) aluminium joinery products</b>	<b>4</b>	<b>8</b>	<b>New</b>
<b>24742</b>	<b>Prepare and fit reveals for non-standard (special) aluminium joinery products</b>	<b>3</b>	<b>6</b>	<b>New</b>
<b>24743</b>	<b>Glaze non-standard (special) aluminium joinery products</b>	<b>4</b>	<b>8</b>	<b>New</b>
<b>24744</b>	<b>Demonstrate knowledge of the principles and procedures for aluminium window installation</b>	<b>4</b>	<b>6</b>	<b>New</b>