

Demonstrate knowledge of the assembly of aluminium joinery

Level 3

Credits 2

Purpose People credited with this unit standard are able to: demonstrate knowledge of aluminium profiles; demonstrate knowledge of the fabrication of aluminium joinery; and describe methods and systems for the glazing of aluminium joinery.

Subfield Joinery

Domain Stairs and Other Joinery Trade Skills

Status Registered

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Entry information Open.

Accreditation Evaluation of documentation and visit by NZQA and industry.

Standard setting body (SSB) Joinery Industry Training Organisation

Accreditation and Moderation Action Plan (AMAP) reference 0073

This AMAP can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Special notes

- 1 All workplace practices must comply with current legislation, codes of practice, and documented site safety procedures for personal, product, and worksite safety.
- 2 Legislation and regulations relevant to this unit standard include but are not limited to – Health and Safety in Employment Act 1992; Health and Safety in Employment Regulations 1995.

Elements and performance criteria

Element 1

Demonstrate knowledge of aluminium profiles.

Performance criteria

- 1.1 Profiles used in the manufacture of aluminium joinery are identified and described in terms of their uses and limitations for different types of joinery.
- 1.2 Types of finish are identified and described in terms of their use in aluminium profiles.
- 1.3 Corrosion factors are described in terms of their effects on aluminium profiles.
- 1.4 Anti-corrosion measures are described in terms of their use in aluminium profiles.
- 1.5 Safety regulations relevant to aluminium profiles are described in terms of the Health and Safety in Employment Act 1992.

Element 2

Demonstrate knowledge of the fabrication of aluminium joinery.

Performance criteria

- 2.1 The aluminium joinery fabrication schedule is interpreted in terms of the production of the component being manufactured.
- 2.2 Machines used in the fabrication of aluminium joinery are identified and described in terms of their function in the fabrication process.
- 2.3 Fixings, hardware, and assembly systems are identified and described in terms of the fabrication of aluminium joinery.
- 2.4 Cleaning and storage requirements for aluminium joinery are described in terms of workplace practice.

Element 3

Describe methods and systems for the glazing of aluminium joinery.

Performance criteria

- 3.1 Methods and systems of fixing glass in aluminium joinery are described in accordance with glass manufacturer's specifications.
- 3.2 Methods and systems of sealing glass in aluminium joinery are described in accordance with glass manufacturer's specifications.

Please note

Providers must be accredited by NZQA, or an inter-institutional body with delegated authority for quality assurance, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by NZQA before they can register credits from assessment against unit standards.

Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.

Accreditation requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact the Joinery Industry Training Organisation ceo@jito.org.nz if you wish to suggest changes to the content of this unit standard.