

Manufacture timber geometric stairs

Level 5

Credits 15

Purpose People credited with this unit standard are able to: set out geometrical stairs and balustrades; machine stair and balustrade timber; and assemble stairs and balustrades.

Subfield Joinery

Domain Stairs and Other Joinery Trade Skills

Status Registered

Status date 23 January 2009

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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

Set out geometrical stairs and balustrades.

Performance criteria

- 1.1 The type of stair is identified from the working drawings.
- 1.2 Site conditions are measured and documented in accordance with workplace practice.
- 1.3 The stair calculations are completed in accordance with workplace practice.
- 1.4 The materials quantities are calculated and an order is placed in accordance with workplace practice.
- 1.5 The stair is set out on full size formers to conform to the working drawings.

Element 2

Machine stair and balustrade timber.

Performance criteria

- 2.1 Stair timber is machined to match full-size set-out in accordance with workplace practice.
- 2.2 Joints are worked to in accordance with workplace practice.

Element 3

Assemble stairs and balustrades.

Performance criteria

- 3.1 Laminations are glued for curved components to conform to the full-size set-out in accordance with workplace practice.
- 3.2 Stair components are factory fabricated to the requirements of the working drawings.
- 3.3 The stair is assembled on or off-site to conform to the working drawings.
- 3.4 Handrails and balustrades are assembled, fitted, and fixed in accordance with the requirements of the working drawings.
- 3.5 Stairs are finished and protected in accordance with the 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.