

Apply elementary workshop procedures and processes for BCATS projects

Level 1

Credits 8

Purpose This unit standard has been designed to be achieved in a building, construction and allied trades skills (BCATS) programme.

People credited with this unit standard are able to: establish job requirements for a specified BCATS project; mark out materials for further processing; apply cutting and shaping processes; join materials and assemble project components for BCATS project; apply finishing processes; and complete work operations.

Subfield Construction Trades

Domain Building, Construction, and Allied Trades Skills

Status Registered

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Entry information Open.

Accreditation Evaluation of documentation by NZQA.

Standard setting body (SSB) Building and Construction Industry Training Organisation

Accreditation and Moderation Action Plan (AMAP) reference 0048

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

Special notes

1 Definitions

Specifications refer to documented instructions (oral, written, graphic) and may include the following: specifications from a supervisor or project specific drawings or requirements.

Work place practice refers to the documented procedures specific to a range of environments including workplaces, school workshops, work experience workplaces or other training establishments, which set out the standard and required practices of that work place.

- 2 Evidence for achieving credit in this unit standard can be presented in conjunction with meeting the outcomes of other unit standards from the *Building, Construction and Allied Trades Skills* domain or related domains at Level 1.
- 3 Assessment against this unit standard may occur in a wide range of environments, including workplaces, school workshops, work experience workplaces, or other training establishments.
- 4 Candidates are required to complete a specified project as evidence for assessment against this unit standard. Examples of suitable projects include: tables, cabinets, seating, storage chests, complex shelving units, or projects of similar complexity.
- 5 Competence must be demonstrated in timber and three other materials. Examples of other materials include: manufactured board, metal, plastic, glass, concrete, mechanical fasteners, adhesives, finishing materials, upholstery (fabric or leather).
- 6 Legislation relevant to this unit standard includes:
Health and Safety in Employment Act 1992;
Health and Safety in Employment Regulations 1995.

Elements and performance criteria

Element 1

Establish job requirements for a specified BCATS project.

Performance criteria

- 1.1 Working drawings, job specifications and job processes are identified, and confirmed with the supervisor in accordance with work place practice.
- 1.2 Materials are identified and obtained in accordance with the working drawings and job specifications.

Element 2

Mark out materials for further processing.

Performance criteria

- 2.1 Marking out processes are identified and tools are selected to meet the requirements of the task.
- 2.2 Marking out is in accordance with the working drawings and job specifications.
- 2.3 Marking out tools are used in accordance with the manufacturer's instructions and work place practice.

Element 3

Apply cutting and shaping processes.

Performance criteria

- 3.1 Cutting and shaping processes are identified and tools are selected to meet the requirements of the task.
- 3.2 Cutting and shaping are in accordance with the working drawings and job specifications.
- 3.3 Cutting and shaping tools are used in accordance with the manufacturer's instructions and work place practice.

Element 4

Join materials and assemble components for BCATS project.

Performance criteria

- 4.1 Jointing and assembly processes are identified and tools are selected to meet the requirements of the task.
- 4.2 Jointing and assembly are in accordance with the working drawings and job specifications.
- 4.3 Jointing and assembly tools are used in accordance with the manufacturer's instructions and work place practice.

Element 5

Apply finishing processes.

Performance criteria

- 5.1 Finishing processes are identified and materials are selected to meet the requirements of the task.
- 5.2 Finishing is in accordance with the working drawings and job specifications.

Element 6

Complete work operations.

Performance criteria

- 6.1 All operations are safely completed in accordance with work place practice.
- 6.2 Workplace, tools, plant and equipment are cleaned, and tools, plant and equipment are stored in accordance with work place practice.

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 Building and Construction Industry Training Organisation national.office@bcito.org.nz if you wish to suggest changes to the content of this unit standard.