

## Operate a spindle moulder for joinery

**Level** 4

**Credits** 12

**Purpose** People credited with this unit standard are able to: select materials and prepare for manufacture of curved and shaped mouldings; set machine to manufacture curved and shaped mouldings; and operate machine to manufacture curved and shaped mouldings, for joinery.

**Subfield** Joinery

**Domain** Joinery Machining

**Status** Registered

**Status date** 23 January 2009

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**Planned review date** 31 December 2013

**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>.

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### Special notes

- 1 Range  
shaped and curved mouldings may include but are not limited to – curved mouldings, raking mouldings, archwork and hand rail mouldings, geometric, shaped head work for doors and windows;  
evidence of one is required.
- 2 All workplace practices must comply with current legislation, codes of practice, and documented site safety procedures for personal, product, and worksite safety.
- 3 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.

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## Elements and performance criteria

### Element 1

Select materials and prepare for manufacture of curved and shaped mouldings for joinery.

#### Performance criteria

- 1.1 Materials are obtained in accordance with job specifications.
- 1.2 Materials that do not conform to job specifications are identified and disposed of in accordance with workplace practice and legislation.
- 1.3 Knives are selected with compatible machine speeds to provide finish and shape to produce mould in accordance with job specifications.
- 1.4 Bluntness in knives is identified and actioned in accordance with workplace practice and manufacturer's specifications.

### Element 2

Set machine to manufacture curved and shaped mouldings for joinery.

#### Performance criteria

- 2.1 Production aids and tooling are secure and in place in accordance with job and manufacturer's specifications.  
  
Range production aids include but are not limited to – patterns (jigs and templates).
- 2.2 Machine setting is in accordance with job and manufacturer's specifications.
- 2.3 Safety procedures are adhered to in accordance with workplace practice and legislation.  
  
Range safety factors include but are not limited to – head balancing, cutter guards, safety stops.

### Element 3

Operate machine to manufacture curved and shaped mouldings for joinery.

#### Performance criteria

- 3.1 Machine is operated in accordance with job specifications and workplace practice.
- 3.2 Operation of machine is monitored to ensure continuity of process in accordance with workplace practice.

- 3.3 Settings to machine tools and implements are in accordance with manufacturer's specifications and workplace practice.
- Range includes but is not limited to – final fine adjustments to fence and automatic feed speed.
- 3.4 Any faults that cannot be rectified by the operator are reported to the supervisor in accordance with workplace practice.
- 3.5 Output of curved and straight mouldings is in accordance with job specifications.
- 3.6 Machine and work area are left clean, clear, and tidy in accordance with workplace practice and legislation.
- 3.7 Safety procedures are adhered to in accordance with workplace practice and legislation.
- Range include but are not limited to – head balancing, cutter guards, safety stops.

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**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.

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**Comments on this unit standard**

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