

Title	Produce pointed roundwood and pole products		
Level	3	Credits	2

Purpose	People credited with this unit standard are able to: explain the safety aspects required when making pointed roundwood and pole products; prepare for pointing roundwood and pole products; apply points to roundwood and pole products; and complete production activities.
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Classification	Solid Wood Manufacturing > Pole and Post Manufacturing
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Available grade	Achieved
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Guidance Information

- Legislation and references

Health and Safety at Work Act 2015.
Resource Management Act 1991.

Approved Code of Practice for Safety and Health in Forest Operations (Wellington: WorkSafe, 2012), available at <https://worksafe.govt.nz/topic-and-industry/forestry/safety-and-health-in-forest-operations/>.

A Guide for Safety with Chainsaws (Wellington: WorkSafe, 2011), available at <https://worksafe.govt.nz/topic-and-industry/machinery/saws-and-shears/chainsaws/>.
- Definitions

Accepted industry practice – approved codes of practice and standardised procedures accepted by the wider wood manufacturing industry as examples of best practice.

Pointing refers to shaping one end of a pole or roundwood product, using appropriate pointer machinery.

Roundwood refers to round, and part-round, wooden posts and poles that are shorter than 3.6 metres.

Small end diameter (SED) refers to the smallest diameter along a pole or roundwood product, usually found at one end.

Workplace procedures refer to documented policies and procedures set by the organisation carrying out the work, and to documented or other directions provided to staff, and applicable to the tasks being carried out. They may include but are not limited to – standard operating procedures, site specific procedures, site safety procedures, equipment operating procedures, codes of practice, quality assurance procedures, product quality specifications, references, Approved Codes of Practice, housekeeping standards, environmental considerations, on-site briefings, supervisor’s instructions, and procedures to comply with legislative and local body requirements relevant to the industry sector.

3 Assessment information

All activities and evidence must meet workplace procedures and accepted industry practice.

Outcomes and performance criteria

Outcome 1

Explain the safety aspects required when making pointed roundwood and pole products.

Performance criteria

1.1 Safe work practices are explained and followed.

Range safe working practices may include but are not limited to – the wearing of appropriate safety equipment; use of isolation procedures, lockouts, emergency stops, machine guards; correct chainsaw use; compliance with company work procedures; evidence of wearing appropriate safety equipment and a minimum of three others are required.

1.2 The consequences of non-conformance with workplace standards for safe operation of a pointer are described.

Range personal hazard, equipment damage, production loss, downstream processing activities.

Outcome 2

Prepare for pointing roundwood and pole products.

Performance criteria

2.1 Pointing products is described in terms of materials used, processing involved, and quality checks carried out.

2.2 Roundwood and pole product pieces are positioned in the pointing machinery.

2.3 Equipment for pointing round wood and pole product is selected, set up, and adjusted.

Range equipment may include but is not limited to – chainsaws, jigs, mechanical and automated pointing equipment; adjustment may include but is not limited to – adjustments to machinery, tools, and other equipment involved in the pointing process.

- 2.4 Roundwood and pole product to be pointed is visually checked, and any defective product is removed and sent for reprocessing.

Range defective product includes but is not limited to – dimensional variations, physical imperfections, mechanical damage, biological defects.

Outcome 3

Apply points to roundwood and pole products.

Performance criteria

- 3.1 Start-up checks and procedures are carried out on pointing machinery and related equipment.

- 3.2 Machinery is started, operated, shut down, and isolated in accordance with manufacturer's instructions.

- 3.3 A point is applied to each wood product.

Range may include but is not limited to – the use of chainsaws, mechanical and automated pointing equipment.

- 3.4 Any machine faults are recognised and action taken.

Range machine faults may include but are not limited to – blunt blades, blockages, equipment alignment.

- 3.5 Pointed wood product is checked to ensure compliance.

Range checks may include but are not limited to – accuracy of points, point dimensions, centering of points, quality of tips, evenness of point, SED.

Outcome 4

Complete production activities.

Performance criteria

- 4.1 Tools, equipment, and materials are accounted for and returned to storage.

- 4.2 Machine and work area are left clean and tidy for next use.

- 4.3 Documentation is completed, communicated, and filed.

Range production, maintenance, quality records.

Planned review date	31 December 2024
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	28 April 2003	31 December 2012
Review	2	18 December 2006	31 December 2012
Review	3	20 October 2011	N/A
Review	4	26 March 2020	N/A

Consent and Moderation Requirements (CMR) reference	0013
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Competenz qualifications@competenz.org.nz if you wish to suggest changes to the content of this unit standard.