

Title	Operate a tissue log saw producing tissue products		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to: demonstrate knowledge of a tissue log saw; prepare to operate a tissue log saw; operate and maintain a tissue log saw; monitor and control the performance of a tissue log saw; and apply preventative maintenance requirements specific to the tissue log saw.
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Classification	Wood Fibre Manufacturing > Tissue Converting
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Available grade	Achieved
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Guidance Information

1 Legislation and references

Legislation, regulations and/or industry standards relevant to this unit standard include but are not limited to the:

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

Any new, amended or replacement Acts, regulations, standards, codes of practice, guidelines, or authority requirements or conditions affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard.

2 Definitions

Tissue log saw refers to orbital circular saw.

Worksite policies and procedures refer to documented policies and to documented or other directions provided to staff. These include but are not limited to – ways of managing health and safety, environmental considerations, quality, and production, and must conform to legislation. Examples include – standard operating procedures, company health and safety plans, on-site briefings, and supervisor's instructions.

3 Assessment information

Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable service information, worksite policies and procedures and legislative requirements. This includes the knowledge and use of worksite specific equipment, procedures, and practices. This unit standard may be assessed in the workplace using naturally occurring evidence or in a simulated environment that demands performance equivalent to that required in the workplace. All activities and evidence must be in accordance with worksite policies and procedures.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of a tissue log saw.

Performance criteria

- 1.1 Tissue log saw specifications are described.
- 1.2 Operating components and process controls of log saws are identified, and their purpose is explained.
- 1.3 Hazards associated with a log saw and the role of relevant protective equipment and safety features are explained.

Range hazards include but are not limited to – moving equipment, dust, blades, noise.
safety features may include but are not limited to – energy isolation procedures, lock-outs, emergency stops, guards.
- 1.4 The consequences of non-conformance with worksite standards are explained.

Outcome 2

Prepare to operate a tissue log saw.

Performance criteria

- 2.1 Start-up checks are completed.
- 2.2 Input roll and/or clip checks are completed to ensure finished rolls meet specifications and production run expectations.
- 2.3 Downstream and upstream processing stages are checked to ensure they are ready for production.
- 2.4 Saws, blade and grindstones are set and adjusted to enable production requirements to be achieved.

Range production requirements – product quality, production rate.

Outcome 3

Operate and maintain a tissue log saw.

Performance criteria

- 3.1 Safe work practices associated with operating and maintaining a tissue log saw are used.
- Range practices may include but are not limited to – isolation procedures, lock-outs, emergency stops, machine guarding, wearing of appropriate safety equipment.
- 3.2 The tissue log saw is set up, started up, operated, and shut down.
- 3.3 Operating faults and malfunctions are identified if required, and corrective action is taken.

Outcome 4

Monitor and control the performance of a tissue log saw.

Performance criteria

- 4.1 Output rolls and/or clips meet company requirements for quality and length.
- 4.2 Production rate is maintained.
- 4.3 Production and quality records are completed.

Outcome 5

Apply preventative maintenance requirements specific to a tissue log saw.

Performance criteria

- 5.1 Preventative maintenance and cleaning schedule for the tissue log saw is carried out.
- 5.2 Saw changes and adjustments are applied in consultation with upstream and downstream equipment operators.

Planned review date	31 December 2028
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	29 June 2023	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 Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council qualifications@hangaarorau.nz if you wish to suggest changes to the content of this unit standard.