

<b>Title</b>	<b>Changeover a rewinder tissue converting system</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>6</b>

<b>Purpose</b>	People credited with this unit standard are able to: demonstrate knowledge of the changeover of a rewinder tissue converting system; and changeover a rewinder tissue converting machine.
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<b>Classification</b>	Wood Fibre Manufacturing > Tissue Converting
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<b>Available grade</b>	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

*Changeover* refers to the replacement of parts, and adjustment of: the position of components; system pressures; tensions; and function timing.

*Worksite policies and procedures* refers 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.

The rewinder tissue converting system does not, in this unit standard, include an accumulator or log saws.

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## Outcomes and performance criteria

### Outcome 1

Demonstrate knowledge of the changeover of a rewinder tissue converting system.

#### Performance criteria

- 1.1 The operational capabilities of a rewinder tissue converting system are described.
- 1.2 The purpose of operating components of a rewinder tissue converting system is explained.
- Range the components may include but are not limited to – unwind stands, embosser, rewinder, bander, zero encoder, core insertion, timing belts, computer control system, drawrolls, log stripper, core feed, perf blades, tailseal unit, bedroll, pick up glue units, perfume applicators, ply bonder units, core stops, core hopper, transfer unit, winding nest.
- 1.3 The operation of changeover equipment and tooling is described.
- 1.4 Hazards associated with the changeover of a rewinder tissue converting system and the role of relevant protective equipment and safety features are explained.
- Range hazards may include but are not limited to – in running nips, moving parts, automated processes, sharp edges, hot machine parts, chemicals, noise, compressed air.  
evidence of a minimum of five is required.  
safety features may include but are not limited to – energy isolation procedures, lockouts, emergency stops, guards.
- 1.5 The consequences of non-conformance with worksite policies and procedures are explained.

### Outcome 2

Changeover a rewinder tissue converting system.

#### Performance criteria

- 2.1 Safe work practices associated with changing over a rewinder tissue converting system are demonstrated.
- Range practices may include but are not limited to – energy isolation procedures, lock outs, emergency stops, machine guarding, wearing of appropriate safety equipment.

2.2 The rewinder tissue converting system is changed over.

Range the changeover may include but is not limited to – embosser, perforation unit, transfer unit, core hopper, glue applicator, core plane, lower winding roller, rider roller, winding nest, log gate, exit table, unwind stands, gearing, cams, drive chains, electronic sensors, perf blades, core stops, glue rings, switches, doctor blades, end seals, mount hope rolls, drive belts, applicator rolls, encoders, core insertion unit, core support arms, core support lugs, draw rolls, computer control programs.

2.3 Productivity and quality is maintained by monitoring performance and adjustment of control parameters.

2.4 The rewinder tissue converting system is lubricated.

2.5 Wear or damage of plant components is identified through inspection and corrective action is taken.

2.6 Tools and removed components are stored.

2.7 The rewinder tissue converting system, and work area are cleaned and prepared for next use.

2.8 Waste is minimised and recycled.

<b>Planned review date</b>	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 1999	31 December 2012
Revision	2	20 August 2002	31 December 2012
Review	3	23 November 2003	31 December 2012
Rollover and Revision	4	26 January 2007	31 December 2012
Review	5	21 July 2011	31 December 2025
Review	6	29 June 2023	N/A

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

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**Comments on this unit standard**

Please contact Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council [qualifications@hangaarorau.nz](mailto:qualifications@hangaarorau.nz) if you wish to suggest changes to the content of this unit standard.