

Title	Reconfigure a laminating or embossing unit for crepe tissue		
Level	4	Credits	8

Purpose	People credited for this unit standard are able to: demonstrate knowledge of the fundamentals of the reconfiguration of a laminating or embossing unit; and reconfigure the laminating or embossing unit used on crepe tissue.
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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

Reconfigure refers to the removal and placement of; rolls, supporting components, and services in the laminating and/or embossing unit of a tissue converting process. *Services* refer to belt drives, lubrication systems, compressed air systems, and process control components.

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 Range

Laminating or embossing unit may include – foot to foot embosser, decorator laminator embosser, steel to rubber embossing rolls, nesting embosser. evidence of one is required.

4 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 the fundamentals of the reconfiguration of a laminating or embossing unit.

Performance criteria

- 1.1 The purpose and operational capabilities of a laminating or embosser unit are described.
- 1.2 The operation of reconfiguration equipment and tooling is described.
- 1.3 Hazards associated with the reconfiguration of the laminating or embosser unit are and the role of relevant protective equipment and safety features are explained.
- Range hazards may include but are not limited to – in running nips, lifting objects with cranes, moving parts, automated processes, sharp edges, 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, safety areas.
- 1.4 The consequences of non-conformance with worksite policies and procedures are described.

Outcome 2

Reconfigure the laminating or embossing unit on crepe tissue.

Range evidence is required for four reconfigurations.

Performance criteria

- 2.1 Safe work practices 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 Equipment, tools, and laminating or embosser unit are prepared for reconfiguration.

- 2.3 Laminating or embossing unit is reconfigured to meet product requirements.
- 2.4 Laminating or embossing unit is prepared for operation after the reconfiguration.
- 2.5 Wear or damage of plant components is identified through inspection and corrective action is taken.
- 2.6 Equipment, tools and removed components are stored.
- 2.7 The laminating or embossing unit and work area are cleaned.
- 2.8 Any reject product due to reconfiguration process is minimised.

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	16 April 2015	31 December 2025
Review	2	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.