

Title	Format product configuration for a programmable bundler system for tissue products		
Level	4	Credits	10

Purpose	People credited with this unit standard are able to: explain the fundamentals of a programmable bundler system; and format a programmable bundler system for tissue products.
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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

Formatting refers to reconfiguration of machinery and bundler system software for new product packaging sizing.

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.

4 Recommended skills and knowledge

It is recommended that people hold credits for Unit 16574, *Changeover a bundler system for tissue products*, and Unit 16590, *Operate a bundler system for tissue products*, before being assessed against this standard.

Outcomes and performance criteria

Outcome 1

Explain the fundamentals of a programmable bundler system.

Performance criteria

1.1 The formatting procedures of a programmable bundler system are explained.

Range formatting procedures may include but are not limited to – touch screen menus, screen adjusting keypads, mechanical timing marks, component changes, torque settings, component adjustment.
evidence of a minimum of six is required.

1.2 Hazards associated with formatting a programmable bundler system and the role of relevant protective equipment and safety features is 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.

1.3 Product quality criteria are explained.

Range product quality criteria includes but are not limited to – product specifications, workplace quality standards, quality check systems.

Outcome 2

Format a programmable bundler system for tissue products.

Performance criteria

2.1 Safe work practices associated with formatting a programmable bundler 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 system is formatted for product configuration.

Range formatting up may include but is not limited to – diverters, conveyors, roll infeed, roll delivery, poly infeed, elevator, bundle sealer, tuckers, folding box, electronic safety devices, shear blades, elevator plates, panel screens, control panels.

2.3 Productivity and quality is maintained by means of formatting and adjustment of product configuration.

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

2.5 Tools and machine components are stored.

2.6 Programmable bundler system machine components and work area are cleaned.

2.7 Programmable bundler system machine components are lubricated.

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	21 July 2011	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.