

<b>Title</b>	<b>Wrap tissue products with stretch wrapper systems</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>3</b>

<b>Purpose</b>	People credited with this unit standard are able to: explain the fundamentals of stretch wrapping operations; operate stretch wrapper systems to wrap tissue products; and monitor and control the performance of stretch wrapper systems.
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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

*Tissue products* refers to bathroom tissue, towel, napkins, and facial tissue.

*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 Range

Stretch wrapper systems include – manual, semi-automatic, automatic; 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.

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## Outcomes and performance criteria

### Outcome 1

Explain the fundamentals of stretch wrapping operations.

#### Performance criteria

- 1.1 Stretch wrapping processes are explained.
- 1.2 The purpose of operating components of stretch wrapper systems is explained.
- Range components may include but are not limited to – conveyor system, turn table, fixed wrap dispenser, orbital wrap dispenser, control panel.
- 1.3 Hazards associated with a stretch wrapping system and the role of relevant protective equipment and safety features are explained.
- Range hazards may include but are not limited to – moving plant, knives, lifting, electricity, gripper mechanisms, hot wire cut off. evidence of a minimum of five is required. safety features may include but are not limited to – energy isolation procedures, lockouts, emergency stops, guards.
- 1.4 The consequences of non-conformance with worksite policies and procedures are explained.
- 1.5 The roles and responsibilities of the stretch wrapper systems operator are explained.

### Outcome 2

Operate stretch wrapper systems to wrap tissue products.

#### Performance criteria

- 2.1 Safe work practices associated with operating stretch wrapper systems are demonstrated.
- Range practices may include but are not limited to – isolation procedures, lock outs, emergency stops, machine guarding, wearing of appropriate safety equipment.
- 2.2 Stretch wrapper systems are set up, started up, operated, and shut down.

2.3 Production requirements are achieved by setting and/or adjustment of the system.

Range production requirements include – product quality and production rate.

2.4 Preventative maintenance and cleaning schedule for stretch wrapper systems are carried out.

### Outcome 3

Monitor and control the performance of stretch wrapper systems.

#### Performance criteria

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

3.2 Equipment faults and malfunctions are identified, and corrective action is carried out.

Range equipment faults and malfunctions may include but are not limited to – electrical, mechanical, instrumentation.

3.3 Corrective actions for any out of specification wrapping are carried out.

3.4 Production rate is regulated.

<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	22 February 1995	31 December 2012
Revision	2	27 January 1997	31 December 2012
Review	3	25 February 1999	31 December 2012
Review	4	18 December 2006	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 the 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.