

Title	Assist with changing machine clothing in pulp or paper manufacturing		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to: describe clothing removal and installation methods; describe methods involved in threading and seaming clothing on the machine; select machine clothing; and prepare and assist in the removal and installation of machine clothing.
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Classification	Wood Fibre Manufacturing > Pulp and Paper Manufacturing Skills
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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:

- Hazardous Substances and New Organisms Act 1996;
- Health and Safety at Work Act 2015;
- Resource Management Act 1991;
- Health and Safety at Work (Major Hazard Facilities) Regulations 2016.

2 Definition

Worksite documentation refers to organisation policies and procedures that are documented in memo, electronic, or manual format and available in the workplace, and are consistent with manufacturer's requirements. They may include but are not limited to – standard operating procedures, site specific procedures, site safety procedures, equipment operating procedures, quality assurance procedures, product quality specifications, references, approved codes of practice, housekeeping standards, environmental considerations, sustainability, on-site briefings, supervisor's instructions, and procedures to comply with legislative and local body requirements relevant to the pulp and paper industry.

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 documentation and legislative requirements. This includes the knowledge and use of suitable tools and equipment.

This unit standard is intended for work-based assessment. While evidence must be presented for the whole unit standard, it is noted that some range statements within this unit standard are indicative and dependent on enterprise and worksite specific equipment, procedures, and practices. For each range, candidates are therefore to be assessed against as many items as are available at and/or relevant to their worksite.

Outcomes and performance criteria

Outcome 1

Describe clothing removal and installation methods.

Performance criteria

1.1 Methods of machine clothing removal and installation are described.

Range methods may include but are not limited to – pin seam, endless machine clothing installation, crane, jacking device, specialist lifting devices.

1.2 Hazards associated with the removal and installation of machine clothing are identified, and actions to be taken to minimise, or eliminate the hazards are described.

Range hazards may include but are not limited to – heights, sharp edges, confined space, heat, moving plant, knives, lifting.

1.3 Consequences of non-compliance with worksite operating procedures are described.

Outcome 2

Describe methods involved in threading and seaming clothing on the machine.

Performance criteria

2.1 Methods of threading machine clothing are described.

Range methods may include but are not limited to – old clothing leader method, ropes with leader, manual installation.

2.2 Seaming method of joining machine clothing in position is described.

Outcome 3

Select machine clothing.

Performance criteria

3.1 Machine clothing types are identified.

Range clothing types may include but are not limited to – press felt, forming fabric and/or wire, dryer screen, dewatering equipment fabrics.

3.2 Manufacturers identification markings are interpreted to select specified clothing suitable for the equipment.

Range identification markings – manufacturer, piece number, position.

Outcome 4

Prepare and assist in the removal and installation of machine clothing.

Performance criteria

4.1 Safe work practices associated with preparing and assisting in removal and installation of machine clothing are identified and used.

Range practices may include but are not limited to – isolation procedures, lock-outs or tag-outs, emergency stops, machine guarding, wearing appropriate safety equipment.

4.2 Corrective action is taken on machine clothing defects caused during installation.

Range clothing defects may include but are not limited to – creasing, holes, snags, stretching, melting.

4.3 Unpacking and preparation of machine clothing are carried out for prevention of damage, and for machine direction.

4.4 Assistance is provided with the removal and installation of machine clothing.

4.5 Removal and installation of machine clothing are completed to meet the requirements for quality and timeliness.

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	24 October 1995	31 December 2024
Revision	2	27 January 1997	31 December 2024
Review	3	25 February 1999	31 December 2024
Review	4	18 December 2006	31 December 2024
Review	5	24 October 2014	31 December 2025
Review	6	30 November 2023	N/A

Consent and Moderation Requirements (CMR) reference

0173

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.