

40322**Explain folder gluer machinery and identify folding and gluing faults in fibreboard packaging**

Kaupae Level	2
Whiwhinga Credit	5
Whāinga Purpose	<p>This skill standard is intended for people who are new to the fibreboard packaging industry or are new to assistant operator roles. They will be able to explain folder gluer machinery used in the fibreboard packaging industry, and identify folding and gluing faults and their corrective actions.</p> <p>This skill standard aligns with the New Zealand Certificate in Fibreboard Packaging (Level 2) [Ref: 1818].</p>

Hua o te ako me Paearu aromatawai | Learning outcomes and assessment criteria

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Explain folder gluer machinery used in the fibreboard packaging industry.	a. Identify the glue delivery and application components of folder gluer machinery and describe their functions.
	b. Describe the required adjustments to gluing components in terms of workplace procedures.
	c. Identify the folding components of folder gluer machinery and describe their functions.
	d. Explain the importance of smooth continuous folding and the resulting faults that may occur if this is not achieved.
	e. Describe the wash up systems and process in a fibreboard packaging workplace.
	f. Explain the different requirements for inside and outside gluing, and the adjustments required to achieve each type of gluing.
2. Identify folding and gluing faults and describe their causes and corrective actions.	a. Identify folding and gluing faults from samples.
	b. Describe causes and corrective actions for each identified fault in 2a.

Pārongo aromatawai me te taumata paearu | Assessment information and grade criteria

Assessment specifications:

- Samples may include photographs, diagrams or physical samples.
- Evidence presented for learning outcome 2 must include a minimum of six faults. For each identified fault, one cause and one corrective action must be evidenced.

Evidence presented for assessment against this skill standard must be consistent with safe working practices and be in accordance with applicable service information, workplace procedures and legislative requirements.

Definition

Workplace procedures refer to organisation policies and procedures that are documented in memo, electronic, or manual format and available in the workplace. 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, manufacturer’s requirements, references, approved codes of practice, housekeeping standards, environmental considerations, on-site briefings, supervisor’s instructions, and procedures to comply with legislative and local body requirements relevant to the fibreboard packaging industry.

Ngā momo whiwhinga | Grades available

Achieved

Ihirangi waitohu | Indicative content

Folder gluer components

- Gluer section components including glue wheels, glue nozzles, glue drums, hot and/or cold glue tanks, glue shoes, glue blocks, glue pumps, hot melt glue heads, glue hoses, timing controls, pressure control.
- Folding section components including folding belts, folding rails, carrier belts, boom rails, ironing rollers, swords, carrier belt pressure rollers.

Faults

- Identification of folder gluer machinery faults and corrective actions.
- Folding faults including variations in manufacturer’s gap, fishtailing, crease, fracture, splitting or incorrect box formation sequence.
- Gluing faults including no glue or intermittent glue, excessive glue, incorrectly timed glue, incorrect lateral position, no bond or inadequate bond.

Rauemi | Resources

Legislation relevant to this skill standard includes but is not limited to:

- Health and Safety at Work Act 2015.

Any new, amended or replacement Acts, regulations, standards, codes of practice, guidelines, or authority requirements or conditions affecting this skill standard will take precedence for assessment purposes, pending review of this skill standard. Legislation can be accessed at:

<https://www.legislation.govt.nz>.

Pārongo Whakaū Kounga | Quality assurance information

Ngā rōpū whakatau-paerewa Standard Setting Body	Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council
Whakaritenga Rārangi Paetae Aromatawai DASS classification	Manufacturing > Fibreboard Packaging > Fibreboard Packaging Production
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0013

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1	28 November 2024	N/A
Kōrero whakakapinga Replacement information	This skill standard replaced unit standard 27806.		
Rā arotake Planned review date	31 December 2029		

Please contact Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development at qualifications@hangaarorau.nz to suggest changes to the content of this skill standard.