

Title	Demonstrate knowledge of folder gluer machinery and folding and gluing faults for fibreboard packaging		
Level	2	Credits	5

Purpose	People credited with this unit standard are able to: demonstrate knowledge of folder gluer machinery in the fibreboard packaging industry; and identify folding and gluing faults, and describe their causes and the actions required to rectify them.
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Classification	Fibreboard Packaging > Fibreboard Packaging Production
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Available grade	Achieved
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Guidance Information

- Candidates must follow any applicable and recognised codes of practice, and documented workplace health, safety, and environmental procedures for personal, product, workplace health, safety, and environmental matters, and the obligations required under current law including the Health and Safety in Employment Act 1992 and its subsequent amendments.
- Definition
Workplace practices refer to the documented procedures for the machine and/or workplace.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of folder gluer machinery in the fibreboard packaging industry.

Performance criteria

- 1.1 The glue delivery and application components at the gluing section are identified, and their functions are described in terms of workplace practices.

Range	components include but are not limited to – 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 controls.
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- 1.2 Adjustments requiring to be made to the components identified in performance criterion 1.1 are explained in terms of workplace practices.

- 1.3 The components at the folding section are identified, their functions described, and adjustments requiring to be made to these components are explained in terms of workplace practices.

Range components include but are not limited to – folding belts, folding rails, carrier belts, boom rails, ironing rollers, swords, carrier belt pressure rollers.

- 1.4 The need for smooth continuous folding is explained in terms of folding faults that may result from failure to observe this requirement.

- 1.5 The wash up system and process are explained in terms of workplace practices.

- 1.6 The differing requirements for inside gluing and outside gluing are explained in terms of the adjustments required to achieve each.

Outcome 2

Identify folding and gluing faults, and describe their causes and the actions required to rectify them.

Performance criteria

- 2.1 Folding and gluing faults are identified from photographs or diagrams or physical samples.

Range folding faults include – variations in manufacturer's gap, fishtailing, crease fracture, incorrect box formation sequence;
gluing faults include – no glue or intermittent glue, excessive glue, incorrectly timed glue, incorrect lateral position, no bond or inadequate bond.

- 2.2 One cause and one corrective action for each of the faults in the performance criterion 2.1 range are described.

Range the causes and corrective actions described are those most common to the workplace.

Replacement information	<p>This unit standard was replaced by skill standard 40322.</p> <p>This unit standard replaced unit standard 10141, unit standard 10149, and unit standard 10153.</p>
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This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	20 September 2012	31 December 2027
Review	2	28 November 2024	31 December 2027

Consent and Moderation Requirements (CMR) reference

0005

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.