

Title	Demonstrate knowledge of flat bed die cutting machinery and die cutting faults for fibreboard packaging		
Level	2	Credits	5

Purpose	People credited with this unit standard are able to: demonstrate knowledge of a flat bed die cutter used in the workplace; and identify flat bed die cutting 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 a flat bed die cutter used in the workplace.

Performance criteria

- 1.1 Main components of a flat die cutter are identified, and their functions are described in terms of the faults that result from inaccurate use and setting.

Range	die attachment points, chase or other cutting plate, adjustment and setting components, pressure controls, feed mechanisms, stripping mechanisms.
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- 1.2 Adjustments requiring to be made to components identified in performance criterion 1.1 are described in accordance with workplace practices.

1.3 Die rubbering requirements are described in terms of workplace practices.

Range durometer, width, height, style, position.

1.4 Different types of rules are described in terms of those used in the workplace.

Range cutting, creasing, perforating.

1.5 Requirements for handling and storing dies are explained in terms of workplace practices.

Outcome 2

Identify flat bed die cutting faults, and describe their causes and the actions required to rectify them.

Performance criteria

2.1 Faults are identified from photographs or diagrams or physical samples.

Range board sticks to die, board fractured or crushed at cut and/or crease, hanging trim, intermittent cut, uncut corners, incorrect nicking of multiple ups, board crust, size variation in blanks.

2.2 A minimum of two causes and one corrective action are described for each fault identified in performance criterion 2.1.

Range the causes and corrective actions described are those most often experienced in the workplace.

Replacement information	This unit standard was replaced by skill standard 40321. This unit standard replaced unit standard 10130 and unit standard 10132
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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
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.