

Title	Produce die cut board at a rotary die cutter for fibreboard packaging		
Level	3	Credits	20

Purpose	People credited with this unit standard are able to: check documentation and confirm that the components and equipment required for the job are available; make ready a rotary die cutting machine to produce die cut board; operate a rotary die cutting machine to produce die cut board; confirm job is completed and undertake post production tasks.
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Classification	Fibreboard Packaging > Fibreboard Packaging Production
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Available grade	Achieved
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Prerequisites	Unit 340, <i>Demonstrate knowledge of safe working practices in the print industry</i> , or demonstrate equivalent knowledge and skills.
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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.
- Assessment must be undertaken at a rotary die cutter configured with at least a hopper feeder and automatic stacking machinery.
- Definitions
Job documentation refers to the documentation that is used in the workplace that contains the instructions and requirements for a particular production job. This may include but is not limited to workplace orders, production orders, workplace specifications, samples, lay cards.
Job requirements refer to specific requirements for the job at hand. These requirements may or may not be covered in the job documentation and may include special instructions, quality requirements expected by the customer, and/or production standards as set down by the workplace.
Workplace practices refer to the documented procedures for the machine and/or workplace.

4 Recommended skills and knowledge:

Unit 27792, *Change a die and rotate or replace die blankets at a rotary die cutter for fibreboard packaging*; and Unit 27787, *Demonstrate knowledge of rotary die cutting machinery and die cutting faults for fibreboard packaging*

Outcomes and performance criteria**Outcome 1**

Check documentation and confirm that the components and equipment required for the job are available.

Performance criteria

- 1.1 Job documentation is checked to ensure that all specifications for the process being undertaken are complete and any discrepancies are reported in accordance with workplace practices.
- 1.2 Components required for the job are checked against job documentation and their availability is confirmed.
- 1.3 Availability of equipment, as determined by the job documentation, is confirmed.

Outcome 2

Make ready a rotary die cutting machine to produce die cut board.

Performance criteria

- 2.1 Machine crew and other staff are clearly advised of the make ready and production tasks they are responsible for, ensuring that no avoidable delays occur.
- 2.2 Production difficulties are anticipated and preventive action is taken to prevent their occurrence.
- 2.3 Die to sheet registration is achieved in accordance with workplace practices.
- 2.4 Make ready process is completed in accordance with workplace practices to meet job requirements.
 - Range time allowed, board condition;
job requirements may include – run length, print specifications,
take off requirements, number of ups in die cutting.

Outcome 3

Operate a rotary die cutting machine in accordance with workplace practices to produce die cut board.

Performance criteria

- 3.1 Production running speed is maintained ensuring that required quality and production standards are met.
- 3.2 Checks for faults and potential problems are carried out during production running and action is immediately taken to identify and rectify any faults or problems ensuring production running is successfully resumed.
- 3.3 Die to sheet registration and stacking accuracy are maintained during production to meet job requirements.
- 3.4 Waste disposal requirements are met.

Outcome 4

Confirm job is completed and undertake post production tasks in accordance with workplace practices.

Performance criteria

- 4.1 Quantity and other job requirements are checked against job documentation before removing job from machine and any discrepancies in quantity are rectified.
- 4.2 Correct shut-down sequence is followed.
- 4.3 Job documentation is completed and any amendments and variations are noted for future reference.
- 4.4 Other post production tasks are carried out as required by the job documentation.

Replacement information	<p>This unit standard, and unit standard 27792 were replaced by skill standard 40336.</p> <p>This unit standard replaced unit standard 10123, unit standard 10125, and unit standard 10126.</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
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

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