

Title	Produce single colour printed board for fibreboard packaging		
Level	3	Credits	25

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; prepare components for production; make ready a print station to print single colour printed board; print single colour board; and 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.
- Candidates undertaking assessment against this unit standard must provide evidence of being responsible for making ready and running the print station to produce single colour printed board.
- Candidates undertaking assessment against this unit standard must provide evidence of normal colour vision. Further information on the Communications and Media Industry Training Organisation's (CMITO) training policy for colour vision can be obtained from CMITO, PO Box 31131, Lower Hutt 5040 or <http://www.cmito.co.nz/>.
- 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.

5 Recommended skills and knowledge:

Unit 27781, *Demonstrate knowledge of the requirements of a print station and identify printing 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.
- Range ink, board, stereo.
- 1.3 Availability of equipment, as determined by the job documentation, is confirmed.

Outcome 2

Prepare components for production in accordance with workplace practices.

Performance criteria

- 2.1 Ink viscosity is tested, and adjusted, to ensure that it falls within the specified range.
- 2.2 Board is confirmed as being free of visible faults that may cause difficulties and delays.
- Range warp, damage during manufacture or in transit, delamination, short board, poor trimming, edge misalignment.
- 2.3 Stereo's completeness is confirmed and is free of damage.
- Range plates, slugs, backing, height.

- 2.4 Incorrect or faulty components are identified, and workplace practices followed to rectify the error.

Outcome 3

Make ready a print station to print single colour printed board in accordance with workplace practices.

Performance criteria

- 3.1 Print station is prepared for production run to meet job requirements.
- 3.2 Stereo is securely mounted on the print cylinder, and centred and aligned in accordance with job requirements.
- 3.3 Print station equipment is set to suit board grammage and calliper ensuring that full control of the board is maintained during passage through the print station.
- 3.4 Ink transfer system is set up and positioned.

Outcome 4

Print single colour board in accordance with workplace practices to meet job requirements.

Performance criteria

- 4.1 All print positions are confirmed and maintained during the production run.
- 4.2 Machine settings are maintained ensuring that board is kept under control without damage.
- 4.3 Impressions are set to suit the board being printed and stereo thickness, and any faults found are recognised and rectified.
- Range faults may include but are not limited to – light and/or missing print from inadequate impression, distorted print and/or board crush from excessive impression, 'halo' or print 'fill in' from excessive impression; evidence is required for a minimum of two faults.
- 4.4 Colour is confirmed as meeting the job requirements and any colour changes occurring during the production run are corrected.
- 4.5 Quality checks are carried out during the production run and any faults arising are recognised and reported or rectified.
- 4.6 Ink transfer system settings are maintained during the production run ensuring that product is produced free from inking faults.

- 4.7 Faults that occur through incorrect positioning of the ink transfer system are explained.

Range potential faults that result from wipe roll or doctor blade set too close to anilox roll (evidence is required for a minimum of two faults);
printing faults that result from wipe roll or doctor blade set too far from anilox roll (evidence is required for a minimum of two faults).

Outcome 5

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

Performance criteria

- 5.1 Quantity printed and other job requirements are checked against job documentation before job is removed from machine and any discrepancies in quantity are rectified.
- 5.2 Correct shut-down sequence is followed.
- 5.3 Job documentation is completed and any amendments and variations are noted for future reference.
- 5.4 Other post production tasks are carried out as required by the job documentation.

Replacement information	This unit standard was replaced by skill standard 40331. This unit standard replaced unit standard 10105, unit standard 10106, and unit standard 10107.
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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>.