

Title	Produce multi 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; make ready a converting machine for printing multi colour board; print multi colour board to meet job requirements; 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

- 1 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.
- 2 Candidates undertaking assessment against this unit standard must provide evidence of being responsible for making ready and running a converting machine with two or more print stations to produce multi colour printed board in a single pass with requirements for registration, trapping and alignment.
- 3 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 www.cmto.co.nz.
- 4 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 27782, *Produce single colour printed board 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 and preparedness is confirmed.
- 1.3 Availability of equipment, as determined by the job documentation, is confirmed.

Outcome 2

Make ready a converting machine for printing multi colour board in accordance with workplace practices.

Performance criteria

- 2.1 Production difficulties are anticipated and preventive action is taken to prevent occurrence by timely intervention.
- 2.2 Machine crew are clearly advised of the requirements ensuring that no avoidable delays occur.
- 2.3 Ink transfer system is set up and positioned and sequence order of inks is determined to meet job requirements.
- 2.4 Impressions are set to suit the board being printed and the stereo thickness.
- 2.5 Machine settings are set to meet the machine and job requirements and any faults are rectified.
- 2.6 Multi colour units are set to meet the job requirements and any faults are rectified.

Outcome 3

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

Performance criteria

- 3.1 Position and registration of all print positions are maintained during the production run.
- 3.2 Machine settings are maintained ensuring that board is kept under control without damage.
- 3.3 Ink transfer system is maintained during production run ensuring that product is produced free from inking faults.
- 3.4 Colours are confirmed as meeting the job requirements and any changes occurring during the production run are corrected.

Range viscosity adjustments, ink addition, ink change, additive use, clean filters.
- 3.5 Quality checks are carried out during the production run and any faults arising are recognised and rectified.

Outcome 4

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

Performance criteria

- 4.1 Quantity printed 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	This unit standard was replaced by skill standard 40332. This unit standard replaced unit standard 10108 and unit standard 10109.
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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>.