

40331 Print single colour board for fibreboard packaging

Kaupae Level	3
Whiwhinga Credit	25
Whāinga Purpose	<p>This skill standard is intended for people who are already working in the fibreboard packaging industry and want to progress to an operator role. They will be able to make ready and operate a print station to produce fault free single colour board, and complete post-production tasks for fibreboard packaging.</p> <p>This skill standard aligns with the New Zealand Certificate in Fibreboard Packaging (Level 3) with strands in Case Converting, Case Corrugating, and Carton Converting [Ref: 1819].</p>
Whakaakoranga me mātua oti Pre-requisites	Unit standard 340, <i>Demonstrate knowledge of safe working practices in the print industry</i> , or demonstrate equivalent knowledge and skills.

Hua o te ako me Paearu aromatawai | Learning outcomes and assessment criteria

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Confirm job requirements for fibreboard packaging.	a. Check job documentation to ensure that all specifications for the process being undertaken are met and report any discrepancies.
	b. Check required job components against the job documentation and confirm their availability.
	c. Confirm equipment is available, as determined by the job documentation.
2. Prepare components for fibreboard packaging production.	a. Test and adjust ink viscosity to ensure it falls within the specified range.
	b. Confirm board is free from visible faults that may cause production difficulties or delays.
	c. Confirm stereo is complete and free of damage.
	d. Identify and rectify incorrect or faulty components.

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
3. Make ready a print station for printing single colour board.	<ul style="list-style-type: none"> a. Prepare print station for production run to meet job requirements. b. Mount and position stereo securely on the print cylinder to meet job requirements. c. Set print station to suit board grammage, calliper and to control board as it passes through the print station. d. Set up and position ink transfer system.
4. Print single colour board to meet job requirements for fibreboard packaging.	<ul style="list-style-type: none"> a. Confirm and maintain all print positions during production run. b. Maintain machine settings to ensure that board is controlled without damage. c. Set impressions to suit board being printed and stereo thickness, and identify and rectify a minimum of two faults. d. Confirm colour meets the job requirements and correct any colour changes that occur during production. e. Carry out quality checks during production, identify, and rectify or report any faults. f. Maintain ink transfer systems settings during production run to ensure that printed board is free from inking faults. g. Explain faults resulting from incorrect positioning of the ink transfer system.
5. Carry out post-production tasks for fibreboard packaging.	<ul style="list-style-type: none"> a. Check quantity and other job requirements against job documentation and rectify any discrepancies in quantity before removing job from machine. b. Follow correct shut-down sequence for print station. c. Complete job documentation and note any amendments and variations for future reference. d. Carry out other post-production tasks as required by job documentation.

Pārongo aromatawai me te taumata paearu | Assessment information and grade criteria

Assessment specifications:

- Akōnga/learners undertaking assessment against this skill standard must provide evidence of normal colour vision.
- Akōnga/learners must provide evidence of being responsible for making ready and running the print station to produce single colour printed board.
- For assessment criteria 4g a minimum of two potential ink transfer systems faults must be identified for each of the following situations – wipe roll or doctor blade being set too close from anilox roll, and wipe roll or doctor blade being set too far from anilox roll.
- Evidence presented for assessment against this skill standard must be consistent with safe working practices and be in accordance with applicable service information, workplace procedures and legislative requirements.
- It is recommended people hold credits for skill standard 40327, *Explain the requirements of a print station and identify printing faults in fibreboard packaging*, before being assessed against this skill standard.

Definitions:

Job components include ink, board and stereo.

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 fibreboard packaging 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 fibreboard packaging workplace and/or organisation.

Workplace procedures refer to organisation policies and procedures that are documented in memo, electronic, or manual format and available in the workplace. They may include but are not limited to – standard operating procedures, site specific procedures, site safety procedures, equipment operating procedures, quality assurance procedures, product quality specifications, manufacturer's requirements, references, approved codes of practice, housekeeping standards, environmental considerations, on-site briefings, supervisor's instructions, and procedures to comply with legislative and local body requirements relevant to the fibreboard packaging industry.

Ngā momo whiwhinga | Grades available

Achieved

Ihirangi waitohu | Indicative content**Component preparation**

- Checks for visible faults including warp, damage during manufacture or in transit, delamination, short board, poor trimming or edge misalignment.
- Stereo inspection including plates, slugs, backing and height

Make ready

- Stereo positioning including centering and alignment.

Faults

- Identification of impression faults including light and/or missing print from inadequate impression, distorted print and/or board crush from excessive impression, and 'halo' or print 'fill in' from excessive impression.

Post-production tasks

- Line clearance to avoid contamination between production runs.

Rauemi | Resources

Legislation relevant to this skill standard includes but is not limited to:

- Health and Safety at Work Act 2015.

Any new, amended or replacement Acts, regulations, standards, codes of practice, guidelines, or authority requirements or conditions affecting this skill standard will take precedence for assessment purposes, pending review of this skill standard. Legislation can be accessed at:

<https://www.legislation.govt.nz>.

Pārongo Whakaū Kounga | Quality assurance information

Ngā rōpū whakatau-paerewa Standard Setting Body	Hanga-Aro-Rau Workforce Manufacturing, Engineering and Logistics Development Council
Whakaritenga Rārangi Paetae Aromatawai DASS classification	Manufacturing > Fibreboard Packaging > Fibreboard Packaging Production
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0013

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1	28 November 2024	N/A
Kōrero whakakapinga Replacement information	This skill standard replaced unit standard 27782.		
Rā arotake Planned review date	31 December 2029		

Please contact Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council at qualifications@hangaarorau.nz if you wish to suggest changes to the content of this skill standard.