

Title	Handle substrates used for pad printing		
Level	3	Credits	4

Purpose	People credited with this unit standard are able to: demonstrate knowledge of substrates used for pad printing and the effects of workplace conditions on substrates; and handle substrates used for pad printing safely.
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Classification	Printing > Pad Printing
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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 Legislation, regulations and/or industry standards relevant to this unit standard include but are not limited to the:
 - Hazardous Substances and New Organisms Act 1996;
 - Health and Safety at Work Act 2015;
 - Privacy Act 2020;
 - Resource Management Act 1991.

Any new, amended or replacement Acts, regulations, standards, codes of practice, guidelines, or authority requirements or conditions affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard.

- 2 Definitions

Job requirements refer to specific requirements for the print 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 print 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 print sector.

- 3 It is recommended that people hold credits for Unit 24988, *Demonstrate introductory knowledge of pad printing*, before being assessed against this unit standard.
- 4 Assessment information
Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable service information, workplace procedures and legislative requirements.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of substrates used for pad printing, and the effects of workplace conditions on substrates.

Performance criteria

- 1.1 Identify substrates used for pad printing, and substrates used in the workplace.
- Range may include but is not limited to – paper, board, plastic, metal, rubber, glass, ceramics, textiles, wood, leather.
- 1.2 Describe the characteristics of substrates used in the workplace for pad printing.
- Range may include but is not limited to – grammage, calliper, bulk value, smoothness, opacity, transparency, absorbency, strength, colour, flexibility, size, dimensional stability, job suitability, grain direction, texture, surface finish.
- 1.3 Describe the effects of workplace conditions on substrates.
- Range humidity, static, airflow, temperature.

Outcome 2

Handle substrates used for pad printing safely.

Performance criteria

- 2.1 Confirm substrate meets the job requirements.
- 2.2 Handle substrates safely.
- Range handling may include – clean working environment, clean hands, carrying methods, stacking, working side, avoidance of damage to substrate, avoidance of personal injury, static electricity.

Replacement information	This unit standard replaced unit standard 24989.
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Planned review date	31 December 2027
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	30 March 2023	N/A

Consent and Moderation Requirements (CMR) reference	0013
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

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