

<b>Title</b>	<b>Prepare, handle, and store substrates used for pad printing</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>8</b>

<b>Purpose</b>	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 prepare, handle, and store substrates used for pad printing.
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<b>Classification</b>	Printing > Pad Printing
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<b>Available grade</b>	Achieved
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<b>Prerequisites</b>	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 All workplace practices must meet 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, Hazardous Substances and New Organisms Act 1996, Resource Management Act 1991, Privacy Act 1993 and their subsequent amendments.
- 2 *Workplace practices* refer to the documented procedures for the machine and/or workplace.
- 3 It is recommended that people hold credits for Unit 24988, *Demonstrate introductory knowledge of pad printing*, before being assessed against this unit standard.

### 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 Substrates used for pad printing are identified, and those used in the workplace are described.

Range may include but is not limited to – paper, board, plastic, metal, rubber, glass, ceramics, textiles, wood, leather.

1.2 Substrates used in the workplace for pad printing are described in terms of their characteristics.

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 Effects of workplace conditions on substrates are described.

Range humidity, static, airflow, temperature.

**Outcome 2**

Prepare, handle, and store substrates used for pad printing.

**Performance criteria**

2.1 Substrate is confirmed as meeting the requirements of the job specifications.

2.2 Substrate quantity, including overs, is calculated and quantity issued is confirmed against the job specifications.

2.3 Handling and storage of substrates are carried out in accordance with workplace practices.

Range may include –  
 handling – clean working environment, clean hands, carrying methods, stacking, working side, avoidance of damage to substrate, avoidance of personal injury, static electricity;  
 storage – light, temperature, airflow control, relative humidity, age (stock rotation), ease of access.

<b>Replacement information</b>	This unit standard was replaced by unit standard 33238.
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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	18 July 2008	31 December 2025
Revision	2	12 December 2008	31 December 2025
Review	3	30 March 2023	31 December 2025

<b>Consent and Moderation Requirements (CMR) reference</b>	0005
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.