

Title	Wash up a pad printing machine		
Level	3	Credits	3

Purpose	People credited with this unit standard are able to: select the most appropriate solvents for use in wash-up procedures for a pad printing machine; wash up a pad printing machine using the selected solvents, and undertake post-press tasks.
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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

Manufacturer's and/or suppliers instructions refer to instructions provided by manufacturers of substances, equipment, and machinery. These instructions may include details on safe and correct handling, use and storage of substances and/or details on substance properties. Examples are labels on substance containers, product data sheets, and operator's manuals.

PPE refers to personal protective equipment.

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 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

Select the most appropriate solvents for use in wash-up procedures for a pad printing machine.

Performance criteria

- 1.1 Establish solvent flashpoint levels, aggressiveness, and toxicity for different solvent groups.
- Range Safety Data Sheets (SDS), manufacturer's and/or supplier's instructions.
- 1.2 Select solvents in accordance with manufacturer's and/or supplier's instructions.
- Range handling, storage, SDS.

Outcome 2

Wash up a pad printing machine using the selected solvents, and undertake post-press tasks.

Performance criteria

- 2.1 Wash up inking system.
- Range appropriate use of PPE.
- 2.2 Dispose of inks safely, in accordance with product requirements.
- 2.3 Clean plates and check for wear or damage. Rectify or report any damage found.
- 2.4 Dismantle and clean other machine components, and check for defects. Rectify or report any defects found.
- Range components may include but are not limited to – doctor blade, spatula, support bar, ink cup.
- 2.5 Dispose of plates, or prepare plates for storage and store.
- Range may include – identify, label, clean dry environment.
- 2.6 Clean work area.

2.7 Follow waste control procedures.

Range recyclable waste, non-recyclable waste, security waste.

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	18 July 2008	31 December 2025
Revision	2	12 December 2008	31 December 2027
Review	3	30 March 2023	N/A
Revision	4	27 February 2025	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.