

Title	Reclaim screens using an automatic machine, and maintain cleaning equipment for screen printing		
Level	2	Credits	6

Purpose	People credited with this unit standard are able to: select and prepare screen reclaiming chemicals for use in an automatic machine; wash screens using an automatic machine; store screens in accordance with workplace practices; and carry out routine maintenance on the automatic cleaning equipment.
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Classification	Printing > Printing - Screen
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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 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.

Outcomes and performance criteria

Outcome 1

Select and prepare screen reclaiming chemicals for use in an automatic machine.

Performance criteria

- 1.1 Kinds of inks, screens and stencils used in screen printing are identified and named.
- Range inks – water based, solvent based, polymerisation (ultra-violet [UV], epoxy);
screens – frames (wooden, steel, aluminium, self stretching), mesh (nylon, polyester, metal, carton fibre, combinations of these);
stencils – indirect, capillary, direct emulsion, cut (by hand or computer).
- 1.2 Screen is assessed for suitability to be reclaimed.
- 1.3 Screen reclaiming chemicals are selected and prepared in accordance with the manufacturer's and/or supplier's instructions.
- 1.4 Safety gear is selected and worn in accordance with the manufacturer's and/or supplier's instructions and following occupational health and safety requirements.

Outcome 2

Wash screens using an automatic machine.

Performance criteria

- 2.1 Screens are washed using an automatic machine in an area ventilated to extract chemical vapours.
- 2.2 Stains and hazes are removed using selected chemicals and following the manufacturer's and/or supplier's instructions and occupational health and safety requirements.
- 2.3 Screens are checked for damage and any defects are rectified or reported in accordance with workplace practices.

Outcome 3

Store screens in accordance with workplace practices.

Performance criteria

- 3.1 Screens are identified and labelled in accordance with workplace practices.
- 3.2 Screens are stored in a clean, dry environment following manufacturer's and/or supplier's instructions.

Outcome 4

Carry out routine maintenance on the automatic cleaning equipment.

Performance criteria

- 4.1 Automatic cleaning equipment is inspected and routine maintenance is carried out in accordance with the manufacturer’s and/or supplier’s instructions and workplace practices.
- 4.2 Automatic cleaning equipment is adjusted to suit the requirements of the ink system, mesh, and frame size.
- 4.3 Cleaning equipment is lubricated, cleaned, and adjusted in accordance with the manufacturer’s and/or supplier’s instructions, and faults found are reported in accordance with workplace practices.

Replacement information	This unit standard, and unit standard 5129 have been replaced by unit standard 33235.
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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	23 August 1995	31 December 2025
Revision	2	20 July 1998	31 December 2025
Review	3	30 August 1999	31 December 2025
Review	4	21 February 2005	31 December 2025
Review	5	30 March 2023	31 December 2025

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