

Title	Make ready and print multi colour (not process) for formed shapes screen printing		
Level	3	Credits	25

Purpose	People credited with this unit standard are able to: set and position the screens for multi colour (not process) formed shapes printing; undertake make ready tasks for multi colour formed shapes work; and print multi colour (not process) formed shapes work in close register.
----------------	---

Classification	Printing > Printing - Screen
-----------------------	------------------------------

Available grade	Achieved
------------------------	----------

Prerequisites	Unit 340, <i>Demonstrate knowledge of safe working practices in the print industry</i> , or demonstrate equivalent knowledge and skills.
----------------------	--

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 5142, *Make ready and print single colour for formed shapes screen printing*; and Unit 21328, *Demonstrate industry knowledge for screen printing*, before being assessed against this unit standard.

Outcomes and performance criteria

Outcome 1

Set and position the screens for multi colour (not process) formed shapes printing.

Performance criteria

- 1.1 Stencils for multi colour work are touched up ensuring all imperfections are removed.

- 1.2 Screens for multi colour work are locked into the press to give accurate register with the other colours.

Range colour sequence.

Outcome 2

Undertake make ready tasks for multi colour formed shapes work.

Performance criteria

- 2.1 Screens are inked up with the correct colour ink.
- 2.2 First multi colour prints are taken and adjustments made to ensure that the requirements of the job specifications are met.
- 2.3 Prints are passed for production run, and approval to run obtained in accordance with workplace practices.

Outcome 3

Print multi colour (not process) formed shapes work in close register.

Performance criteria

- 3.1 First colour is printed to meet the requirements of the job specifications.
- 3.2 Second and/or subsequent colours are printed to meet the requirements of the job specifications.
- 3.3 Production standards are maintained throughout the print runs.
- Range colour density, fit, register, overprinting colours.
- 3.4 Overprint finishes are used to meet the requirements of the job specifications.
- Range any of – overgloss, ultra-violet (UV) coating, aqueous coating.
- 3.5 Product bar coding tolerances are maintained throughout the print runs, and any faults reported in accordance with workplace practices.
- Range positioning, readability, printing tolerances, sizes, colour combinations.

3.6 Problems and faults encountered during the print run are recognised, their causes explained and methods of rectifying them described.

Range includes but is not limited to – smudging, colour variation, position, registration, loss of detail, drying of ink in the screen, dust, change of viscosity, legibility, clarity, static, ink reticulation, orange peel, humidity, stencil breakdown, ink drying (cure), pin holes, substrate movement.

3.7 Quantity printed meets requirements of job documentation.

3.8 Post-press tasks are carried out as required by the job documentation and in accordance with workplace practices.

Replacement information	This unit standard, unit standard 5138, unit standard 5139, unit standard 5140, unit standard 5141, and unit standard 5142 replaced unit standard 345, unit standard 347, and unit standard 348.
--------------------------------	--

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
Review	2	23 August 1995	31 December 2025
Revision	3	20 July 1998	31 December 2025
Review	4	30 August 1999	31 December 2025
Review	5	21 February 2005	31 December 2025
Review	6	30 March 2023	31 December 2025

Consent and Moderation Requirements (CMR) reference	0005
--	------

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.