

Title	Make ready a press for multicolour dry offset printing		
Level	4	Credits	15

Purpose	People credited with this unit standard are able to: set up the register systems for multicolour work; prepare the press to take a print; and take a print and prepare for production run.
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Classification	Printing > Dry Offset
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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 documentation refers to the documentation that is used in the workplace that contains the instructions and requirements for a particular production job. This may include but is not limited to workplace orders, production orders, workplace specifications, samples, lay cards.

Job requirements refer to specific requirements for the print job at hand. These requirements may or may not be covered in the workplace job documentation and may include special instructions or quality requirements expected by the customer and/or the production standards of the print workplace and/or organisation.

Specifications refer to a detail that defines an object being made; commonly communicated by annotated and dimensioned drawings; by written description, or by other communication media. External references may also be used to specify objects such as tables or industry standards.

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

Set up the register systems for multicolour work.

Performance criteria

- 1.1 Set up register systems for multicolour work.
- 1.2 Determine trapping and sequence of inks to ensure the job requirements are met.
- Range slur, trapping, ink tack, surface of substrates, dot gain effects, areas of critical register, final colours required.
- 1.3 Rectify or report faults found while setting register systems.

Outcome 2

Prepare the press to take a print.

Performance criteria

- 2.1 Pre-set inking systems to meet the job requirements.
- 2.2 Check and set drying systems to meet the job requirements.
- Range any of – hot air, infra-red, ultra-violet, forced air.
- 2.3 Rectify or report faults found while preparing the press to take a print.
- Range faults may include but are not limited to – drying system faults, inking system faults, loading and/or unloading faults, flaming faults, base cut faults.
- 2.4 Undertake trial run to ensure that job requirements are met.

Outcome 3

Take a print and prepare for production run.

Performance criteria

- 3.1 Check impression for correct image transfer and adjust as necessary to meet the job requirements.
- 3.2 Take print and check against job documentation to ensure that all job requirements are met.
- 3.3 Fine tune press to achieve the required quality and production standards.
Range pressures, inking, register, delivery.
- 3.4 Pass print.
- 3.5 Set counters to meet the job requirements.

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	26 February 1998	31 December 2025
Revision	2	20 April 2001	31 December 2025
Revision	3	19 November 2003	31 December 2025
Review	4	27 October 2006	31 December 2025
Revision	5	12 December 2008	31 December 2025
Review	6	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.