

Title	Make ready and print four or more colour process dry offset work		
Level	4	Credits	25

Purpose	People credited with this unit standard are able to: make ready a multicolour dry offset press for four or more colour process work; print four or more colour process work on a multicolour dry offset press; and solve problems encountered during the print 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 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, Resource Management Act 1991, and their subsequent amendments.
- 2 *Workplace practices* refer to the documented procedures for the machine and/or workplace.

Outcomes and performance criteria

Outcome 1

Make ready a multicolour dry offset press for four or more colour process work.

Performance criteria

- 1.1 Trapping and sequence order of inks are determined to ensure that the job requirements are met.

Range slur, trapping, ink tack, surface of substrates, dot gain effects, areas of critical register, final colours required.

- 1.2 Make ready is carried out for four or more colour process work in accordance with workplace practices.

1.3 Quality of tonal values and trapping of secondary colours is checked against the job specifications, and faults found are rectified in accordance with workplace practices.

1.4 Make ready problems are solved in accordance with workplace practices.

Range impression, position, preliminary colour settings.

Outcome 2

Print four or more colour process work on a multicolour dry offset press.

Performance criteria

2.1 Four or more colour process work is printed to meet the job specifications and it is ensured that production standards and quality are maintained throughout the run.

2.2 Colour consistency standards are maintained throughout the print run.

Range dry back, dot gain, ink trapping.

2.3 Quality control procedures used to maintain required production standards are followed in accordance with workplace practices.

2.4 Bar code verifiers are used to ensure that printing of bar codes is maintained within required tolerances.

Outcome 3

Solve problems encountered during the print run.

Performance criteria

3.1 Problems identified while following workplace quality control procedures are recognised and solved.

Range problems may include but are not limited to – dirty print, set-off, ghosting, gear marks, over and/or under impression, slur, ink contamination, bleeds, misregister, spots, show through, static, colour variation, image appearing washed out, product damage or contamination, ink problems, substrate problems, machine problems.

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	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
Review	5	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>.