

Title	Print single colour work on a dry offset press		
Level	3	Credits	10

Purpose	People credited with this unit standard are able to: describe factors affecting printing standards; print single colour dry offset work; identify and rectify or report problems associated with static electricity; and carry out post press tasks.
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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.

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

Describe factors affecting printing standards.

Performance criteria

1.1 Describe factors which affect the printing speed for the job.

Range factors may include but are not limited to – ink, substrate, drying system, corona and flame treatment, press condition, quality requirements.

1.2 Describe factors which affect the print quality.

Range customer requirements, speed of the press, width or thickness of substrate, general condition of press, gear pitch, mounting tape, blanket wear, substrate surface treatment, drying, substrate variation.

1.3 Describe characteristics of an acceptable print.

Range colour consistency maintained, correct position, correct substrate, correct inks, standard maintained to approved sample.

Outcome 2

Print single colour dry offset work.

Performance criteria

2.1 Follow start up and shut down procedures during the print run.

2.2 Identify and report potential hazards for the equipment being used.

2.3 Print single colour work to meet the job requirements and maintain production standards and quality throughout the run.

2.4 Monitor print standards against approved sample.

Range includes but is not limited to – colour variation, ghosting, set-off, image position.

2.5 Follow quality control procedures to maintain required production standards.

- 2.6 Use bar code verifiers to maintain printing of bar codes within the required tolerances.

Outcome 3

Identify and rectify or report problems associated with static electricity.

Performance criteria

- 3.1 Identify and rectify or report static electricity problems.

- 3.2 Identify and rectify or report problems found during the print run.

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, image position, spots, show through, static electricity, colour variation, image appearing washed out, product damage or contamination.

Outcome 4

Carry out post press tasks.

Performance criteria

- 4.1 Check quantity printed against job documentation before wash up is commenced.

- 4.2 Explain correct shut down sequence.

- 4.3 Complete job documentation.

Range may include but is not limited to – job sheets, time sheets, electronic data storage.

- 4.4 Carry out post press tasks.

Range may include but is not limited to – labelling, substrate handling, filing plates, quality assurance (QA) requirements.

- 4.5 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	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 2027
Review	5	30 March 2023	N/A
Revision	6	27 February 2025	N/A

Consent and Moderation Requirements (CMR) reference

0013

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.