

<b>Title</b>	<b>Print multicolour close register work on a dry offset press</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>20</b>

<b>Purpose</b>	People credited with this unit standard are able to: print multicolour close register dry offset work including halftones; and solve problems found during the print run.
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<b>Classification</b>	Printing > Dry Offset
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<b>Available grade</b>	Achieved
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<b>Prerequisites</b>	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

*Halftones* refers to a printing technique that simulates continuous tone imagery through the use of dots.

*Specifications* refers 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.

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## Outcomes and performance criteria

### Outcome 1

Print multicolour close register dry offset work including halftones.

#### Performance criteria

- 1.1 Print multicolour work to meet the job requirements and maintain production standards and quality throughout the run.
- 1.2 Monitor print standards against approved sample.
  - Range includes but is not limited to – colour variation, ghosting, set-off, registration.
- 1.3 Maintain colour consistency standards throughout the print run.
  - Range dry back, dot gain, ink trapping.
- 1.4 Follow quality control procedures to maintain required production standards.
- 1.5 Use bar code verifiers to maintain printing of bar codes within the required tolerances.

### Outcome 2

Solve problems found during the print run.

#### Performance criteria

- 2.1 Maintain colour consistency standards, and check dot gain.
- 2.2 Identify and solve problems found while following workplace quality control procedures.
- 2.3 Solve 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, spots, show through, static, colour variation, image appearing washed out, product damage or contamination, ink problems, substrate problems, machine problems, product damage or contamination.

<b>Planned review date</b>	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

<b>Consent and Moderation Requirements (CMR) reference</b>	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](mailto:qualifications@hangaarorau.nz) if you wish to suggest changes to the content of this unit standard.