

Title	Carry out advanced maintenance for dry offset equipment		
Level	4	Credits	5

Purpose	People credited with this unit standard are able to: adjust the systems of the dry offset printing press and associated auxiliary equipment used in the workplace; and adjust and calibrate measuring gauges and instruments as available in the workplace.
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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;
- 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 Definition

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

Adjust systems of the dry offset printing press and associated auxiliary equipment used in the workplace.

Range systems may include – infeed system, ink delivery and control system, register system, delivery system, rollers, cylinders, feeder, blankets, packing, impression cylinders.

Performance criteria

- 1.1 Identify required printing press and auxiliary equipment adjustments while carrying out inspection and maintenance.
- 1.2 Carry out identified printing press and auxiliary equipment adjustments.

Outcome 2

Adjust and calibrate measuring gauges and instruments as available in the workplace.

Range may include but is not limited to – densitometer, durometer (shore hardness), micrometer and/or vernier, packing gauge.

Performance criteria

- 2.1 Identify required measuring gauge and instrument adjustments while carrying out inspection and maintenance.
- 2.2 Check calibration and adjust to ensure that accurate production standards are maintained.
- 2.3 Carry out adjustments and repairs.

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 2027
Review	6	30 March 2023	N/A
Revision	7	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.