

Title	Carry out advanced maintenance for reel-fed presses and equipment		
Level	4	Credits	5

Purpose	People credited with this unit standard are able to: adjust the various systems of the printing press and associated auxiliary equipment; adjust and calibrate measuring gauges and instruments.
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Classification	Printing > Printing - Reel-Fed
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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 It is recommended that people hold credits for Unit 341, *Carry out routine and preventive maintenance common to the print industry*, before being assessed against this unit standard.

4 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 the various systems of the printing press and associated auxiliary equipment.

Range systems include – infeed system, printing unit, register system, delivery system, web guides;
auxiliary equipment may include – numbering unit, encoding unit, punching unit, creasing unit, diecutting unit, perforating unit, foil stamping, cold foiling (dieless), waxing, laminating, slitter.

Performance criteria

- 1.1 Identify printing press and auxiliary equipment adjustments required for optimum operation while carrying out inspection and maintenance.
- 1.2 Carry out or report adjustments and repairs required for optimum operation of the press and auxiliary equipment.

Outcome 2

Adjust and calibrate measuring gauges and instruments.

Performance criteria

- 2.1 Identify required adjustments to measuring gauges and instruments while carrying out inspection and maintenance.
- 2.2 Check and adjust calibration as necessary to maintain accurate production standards.

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	29 July 1994	31 December 2025
Revision	2	20 July 1998	31 December 2025
Review	3	25 May 1999	31 December 2025
Review	4	22 March 2004	31 December 2025
Rollover and Revision	5	12 December 2008	31 December 2025
Review	6	18 June 2010	31 December 2025
Review	7	30 March 2023	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.