

Title	Troubleshoot and rectify faults when undertaking printing production and solve workplace problems		
Level	4	Credits	30

Purpose	<p>This unit standard is for people training or working in the print industry and who are undertaking sheet-fed, reel-fed, dry off-set, screen, or pad printing.</p> <p>People credited with this unit standard are able to troubleshoot and rectify faults when undertaking printing production and solve workplace problems.</p>
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Classification	Printing > Printing Production
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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 or 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 Definitions

Faults and workplace problems refer to conditions in product, machinery, equipment, resources, or systems that result in not meeting the highest quality standards for product or service.

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 Range

Printing production processes include – sheet-fed, reel-fed, screen, dry off-set and pad printing;

Evidence is required to demonstrate that a minimum of 20 faults and workplace problems have been rectified and solved and must include:

a minimum of 3 production faults – image carriers;

a minimum of 4 production faults – substrates, machinery and/or equipment, inks;

a minimum of 2 workplace problems – workflow, workplace procedures, workplace systems, record keeping, communication of information.

4 Assessment information

Candidates must complete and sign off a logbook.

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

Troubleshoot and rectify faults when undertaking printing production and solve workplace problems.

Performance criteria

1.1 Identify and analyse printing production faults found during production operations, and explain their causes.

1.2 Rectify printing production faults, and explain and record the solutions.

1.3 Solve workplace problems, and explain and record the solutions.

Replacement information	This unit standard replaced unit standard 24995.
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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	22 October 2010	31 December 2027
Review	2	30 March 2023	N/A
Revision	3	27 February 2025	N/A

Consent and Moderation Requirements (CMR) reference	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 if you wish to suggest changes to the content of this unit standard.