

Title	Research the structure of the New Zealand print industry and its production processes and technology		
Level	5	Credits	20

Purpose	<p>This unit standard is intended for people working towards a management role in the print industry.</p> <p>People credited with this unit standard are able to: research the structure and activities of the New Zealand print industry; research and report on print production processes, equipment, and materials used in the print industry; research and report on the factors that determine the choice of print production process; evaluate and report on the print production processes used to meet the customer requirements of a production job; and research and report on changing technology in the print industry.</p>
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Classification	Printing > Print Industry Management
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Available grade	Achieved
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Guidance Information

1 Definitions

Accepted industry practice – approved codes of practice and standardised procedures accepted by the wider print industry as examples of best practice.

Print industry – all sectors involved in printing and packaging industries including pre-production, production, and post-production activities. The sectors include – graphic pre-press, digital output, sheet-fed, reel-fed, screen, binding and finishing, fibreboard packaging.

Print production – any stage of production in any sector of the print industry.

Workplace procedures – procedures used by the organisation carrying out the work and applicable to the tasks being carried out. They may include but are not limited to – standard operating procedures, site safety procedures, equipment operating procedures, codes of practice, quality management practices and standards, procedures to comply with legislative and local body requirements.

2 Assessment information

All evidence presented for this unit standard must be in accordance with workplace procedures and accepted industry practices.

Outcomes and performance criteria

Outcome 1

Research the structure and activities of the New Zealand print industry.

Performance criteria

- 1.1 Print industry organisations are identified, and their main functions within the sector are explained.
- Range organisations include one each of – employer organisations, worker organisations, training organisations.
- 1.2 Organisations identified in 1.1 are researched and key information about each is identified.
- Range key information includes but is not limited to – organisation aims and objectives, services provided, key personnel, contact details.
- 1.3 The main activities of the New Zealand print industry sectors are described.
- 1.4 Printing techniques and their applications are described.
- Range evidence is required for a minimum of three of – offset, flexographic, screen, digital, letterpress, gravure.

Outcome 2

Research and report on print production processes, equipment, and materials used in the print industry.

Range two different production sites must be visited and researched, and a separate report produced for each site.

Performance criteria

- 2.1 Products, production processes, and equipment are described.
- 2.2 Substrates and materials used in the selected sectors are identified and their properties are described.
- 2.3 The flow of work for two different products is described from the time jobs are raised to final product distribution.
- 2.4 Finishing processes for two different products are described.

Outcome 3

Research and report on the factors that determine the choice of print production process.

Performance criteria

3.1 The impacts of customer requirements on the choice of printing technique are explained.

Range may include but are not limited to – product type, end use, cost, speed of production, quality, finishing, run size; evidence of a minimum of four factors is required.

3.2 Factors affecting the choice of substrate and materials are explained.

Range factors may include but are not limited to – printing technique, product type, end use, cost, speed of production, quality, finishing, run size; evidence of a minimum of four factors is required.

Outcome 4

Evaluate and report on the print production processes used to meet the customer requirements of a production job.

Range one production job.

Performance criteria

4.1 The workflow procedure for the production job is evaluated to ensure customer requirements are met.

Range pre-production, production, post-production.

4.2 Processes to be used for the production job are analysed and evaluated to ensure that customer requirements are met.

4.3 Information to be communicated, and method of communication at each stage of production, is analysed and evaluated to ensure customer requirements are met.

4.4 An alternative process that could be used for the production job is identified.

4.5 The production process chosen, and the identified alternative are analysed and compared in terms of their impact on the customer, producer and environment.

Outcome 5

Research and report on changing technology in the print industry.

Performance criteria

5.1 Three sources of information covering new developments in print industry technology are identified.

5.2 Reasons for monitoring changes in print industry technology are determined.

- 5.3 Examples of new developments in the print industry are researched and a report is produced.

Range a minimum of three examples is required; examples may include but are not limited to – graphic pre-press, digital printing, colour management, sheet-fed printing, reel-fed printing, screen printing, binding and finishing, fibreboard packaging, inks, adhesives, substrates, materials, distribution, workflow management.

Planned review date	31 December 2024
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	26 September 2001	31 December 2020
Review	2	23 April 2008	31 December 2020
Revision	3	12 December 2008	31 December 2022
Rollover and Revision	4	31 May 2018	N/A
Review	5	23 July 2020	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 Competenz qualifications@competenz.org.nz if you wish to suggest changes to the content of this assessment standard.