

Title	Investigate and solve complex problems in the print industry		
Level	5	Credits	15

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: demonstrate knowledge of a problem-solving technique suitable for use in the print industry; investigate complex problems in the print industry; and make and evaluate recommendations to solve complex problems 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 Legislation relevant to this unit standard includes but is not limited to the Health and Safety at Work Act 2015.
- 2 Definitions

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

Complex problems in the print industry are defined as those with some or all of the following characteristics and require the application of standard and non-standard problem-solving techniques to solve:

 - have a series of causal factors that are not obvious;
 - affect printing operations, equipment, and/or the end product;
 - have no obvious or predetermined solution;
 - require the interpretation of a wide range of inputs, opinions, and data;
 - require an in-depth knowledge of printing equipment and processes to solve.

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.

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.

3 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

Demonstrate knowledge of a problem-solving technique suitable for use in the print industry.

Performance criteria

1.1 A problem-solving technique is identified and described, and the application of the technique is explained.

1.2 Methods of applying the problem-solving technique to specified complex problems are determined.

Range evidence for a minimum of four different complex problems encountered in a printing workplace is required.

Outcome 2

Investigate complex problems in the print industry.

Range investigation of two specific problems encountered in a printing organisation.

Performance criteria

2.1 The problem and potential causative factors are determined and assessed through the investigation.

Range identify problem, analyse problem, generate ideas and solutions, select and plan possible solution.

2.2 The investigation process and identification of causative factors is documented.

Outcome 3

Make and evaluate recommendations to solve complex problems in the print industry.

Range recommendations for two specific problems encountered in a printing organisation.

Performance criteria

3.1 Solutions to the identified problems are recommended.

3.2 Solutions are trialled and assessed to determine effectiveness in solving the problems.

3.3 Final solutions are identified and documented.

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	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 unit standard.