

Title	Develop, implement and review an environmental management programme in a print industry company		
Level	5	Credits	15

Purpose	<p>This unit standard has been designed for people employed in a print industry workplace, and who are preparing for a management role.</p> <p>People credited with this unit standard are able to develop, implement, evaluate, and review an environmental management programme (EMP) for a print industry company in accordance with established company practice.</p>
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Classification	Printing > Print Industry Management
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Available grade	Achieved
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Guidance Information

- References and legislation

Health and Safety at Work Act 2015.
Resource Management Act 1991.
AS/NZS ISO 14001:2016: *Environmental Management Systems – Requirements with guidance for use*, available at <http://www.standards.co.nz>.
Enviro-Mark ® NZ, available from <http://www.landcareresearch.co.nz/services/sustainablesoc/enviromark/>.
Forest Stewardship Council (FSC) available at <http://www.fsc.org>.
New Zealand Packaging Accord 2004 – 2009 available through PrintNZ website, <http://www.printnz.co.nz> or the Ministry for Environment at <http://www.mfe.govt.nz/publications/waste/new-zealand-packaging-accord-2004/new-zealand-packaging-accord-2004>.
New Zealand Paperboard Packaging Association, available under the NZPPA section on the website <http://www.printnz.co.nz>.
- Definitions

Established company practice refers to the documented policies and procedures set down by the print industry company.
Print industry includes all sectors involved in the print and packaging industries including pre-production, production, and post-production activities, suppliers and distributors. The sectors include graphic pre-press, digital output, sheet-fed, reel-fed, screen, binding and finishing, fibreboard packaging.
Print industry company refers to a business involved within the print or packaging industries.

- 3 Range
Examples of EMPs suitable for a print industry company may include but are not limited to – operational issues, dealing with waste products, use of recyclable materials, disposal of non-recyclable materials, storage of dangerous goods, employee training, establishing an occupational health and safety team.
- 4 Assessment information
- It is not a requirement that the same project be used to achieve all outcomes in this unit standard.
 - For assessment of outcome 2, the candidate must take an active role in the implementation of a part of the plan covering several aspects for a small site or department, or a specific aspect of the plan.
 - Assessment of outcome 3 may be by a portfolio of evidence or a written report.

Outcomes and performance criteria

Outcome 1

Develop an EMP for a print industry company in accordance with established company practice.

Performance criteria

- 1.1 Environmental issues relevant to the print industry, both overseas and in New Zealand, are outlined and compared in terms of their impact on print companies.
- Range may include – legislative requirements for environmental protection; effects of waste disposal in terms of its potential effects on the environment; waste minimisation in terms elements of waste, potential sources for minimisation, and the effect on cost of treatment; environmental systems and codes of practice recognised by the print industry; terminology related to environmental matters;
evidence is required for comparisons of two environmental issues affecting New Zealand and another selected overseas country.
- 1.2 EMP includes a policy statement, vision statement, goals and objectives, in terms of the environmental, social and economic situation of the print industry company, and its part in the overall strategy of helping to improve the efficiency of the company.
- 1.3 EMP includes an evaluation of the print industry company's current situation in terms of resources, and established company practice in terms of management.

- 1.4 EMP includes a risk assessment of past and present activities and practices, as well as assessment of possible changes in terms of environmental, social and economic situations.
- Range environmental assessment may include but is not limited to – risk of chemical spills, impact of waste materials, recycling activities, energy, production, source of supply;
social assessment may include but is not limited to – availability of labour resources (quantity, skills), availability of community facilities, impact of production on a community;
economic assessment may include but is not limited to – risk of interest rate or exchange rate change, market fluctuations.
- 1.5 EMP goals and objectives set are realistic in terms of the company's resources, potential, and the overarching goals and objectives of the print industry company.
- 1.6 EMP defines key quantifiable indicators to be monitored in terms of available benchmarks, local data, and the goals and objectives of the print industry company.
- 1.7 EMP includes the process, timelines, quality standards and milestones to achieve stated goals and objectives of the print industry company.

Outcome 2

Implement an EMP for a print industry company in accordance with established company practice.

Performance criteria

- 2.1 EMP is implemented in accordance with the goals and objectives of the print industry company, and quantifiable indicators.
- 2.2 Implementation progress of the EMP is monitored in terms of the results, progress towards stated goals and objectives of the print industry company, and directions of international and domestic markets.

Outcome 3

Evaluate and review an EMP for a print industry company in accordance with established company practice.

Performance criteria

- 3.1 EMP is evaluated in terms of progress towards the print industry company's stated goals and objectives, and the directions of international and domestic markets.
- 3.2 The EMP is reviewed in accordance with variations in milestones, benchmarks, objectives and goals, and the overarching goals and objectives of the print industry company.

This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	12 December 2008	31 December 2022
Rollover and Revision	2	31 May 2018	31 December 2022
Review	3	23 July 2020	31 December 2022

Consent and Moderation Requirements (CMR) reference

0005

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.