Specification of Competency Standards
for the Printing & Publishing Industry
Unit of Competency

Functional Area - 綠色印刷

Title	Master the calculation of electronic/digital media's carbon footprints
Code	106292L4
Range	Understand the types and calculation of carbon footprints arising from the production and consumption of electronic/digital media in the print-based media publishing sector, and assist the company in formulating environmental policies for electronic/digital media business.
Level	4
Credit	3 （For Reference Only）
Competency	Performance Requirements 1. Understand the types and calculation of carbon footprints relating to electronic/digital media. • Understand the types and calculation of carbon footprints relating to e-publishing. • Understand power consumption of electronic equipment on standby. • Understand the impact of using power-consuming electronic equipment on carbon emissions. For example, increasing power consumption will lead to an increase in the amount of electricity power plants produced, which in turn triggers a domino effect that results in increased greenhouse gas emissions. • Understand how piled up electronic wastes originated from short-lived electronic devices impacts the environment and ecosystem. 2. With the above knowledge, be able to assist the company in formulating environmental policies for its electronic/digital media business, and coordinate the implementation of energy saving and carbon emission reduction workflows across various departments, in order to meet the environmental standards of e-publishing. 3. Be able to assist in managing the company's electronic/digital media business in accordance with the corporate environmental policies, so as to effectively reduce carbon emissions and enhance the public image of the company in the local community.
Assessment Criteria	The integrated outcome requirements of this unit of competency are: • Be able to assist the company in formulating environmental policies for its electronic/digital media business, and coordinate the implementation of energy saving and carbon emission reduction workflows across various departments. • Be able to assist in managing electronic/digital media business in order to effectively reduce carbon emissions.
Remark	The credit value for this unit of competency is based on the assumption that the learner has knowledge of green management in printing production.