

## Specification of Competency Standards for Printing & Publishing

### Unit of Competency

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	<p>Performance Requirements</p> <ol style="list-style-type: none"> <li>Understand the types and calculation of carbon footprints relating to electronic/digital media. <ul style="list-style-type: none"> <li>Understand the types and calculation of carbon footprints relating to e-publishing.</li> <li>Understand power consumption of electronic equipment on standby.</li> <li>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.</li> <li>Understand how piled up electronic wastes originated from short-lived electronic devices impacts the environment and ecosystem.</li> </ul> </li> <li>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.</li> <li>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.</li> </ol>
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> <li>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.</li> <li>Be able to assist in managing electronic/digital media business in order to effectively reduce carbon emissions.</li> </ul>
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.