

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

Functional Area - Printing Technology

Title	Establish development plan for inject printing products
Code	106261L5
Range	Master inkjet printing technology in printing department, with an understanding of the characteristics, performance and peripheral facilities of different inkjet printing presses from different brands, and evaluate the feasibilities of using inkjet printing for new products in the company.
Level	5
Credit	6 (For Reference Only)
Competency	<p>Performance Requirements  Performance requirements</p> <p>1. Master the research and development of new inkjet printing products.</p> <ul style="list-style-type: none"> <li>• Understand the scope and appropriateness of the application of inkjet printing technology.</li> <li>• Understand the performance, specifications and limitations of the inkjet printing presses used in the industry, including inkjet printing head technology, output resolution, print speed, types of printing ink and drying methods, substrates (paper and non-paper), etc.</li> <li>• Master the production workflow and the compatibilities of new materials of inkjet printing press.</li> <li>• Master the quality standard and control methods of inkjet printing.</li> <li>• Understand thoroughly the calculation of production costs of inkjet printing products.</li> <li>• Understand development trend of the inkjet technology</li> <li>• Understand the compatibilities of inkjet printing technology with other printing technologies.</li> </ul> <p>2. With the above knowledge, be able to evaluate the feasibilities of the expansion of new inkjet printing products for a company, and to establish the setting of production line and staff development plan.</p> <ul style="list-style-type: none"> <li>• Evaluate the characteristics, production efficiency, features and print quality of different inkjet printing presses from different brands.</li> </ul> <p>3. Be able to coordinate different departments in a company, implement production plan for new inkjet printing products and establish quality specifications and management methods for the products.</p>
Assessment Criteria	<p>This integrated outcome requirement of this unit of competency :</p> <ul style="list-style-type: none"> <li>• Be able to evaluate the feasibilities of the expansion of new inkjet printing products for a company, and to establish the setting of production line and staff development plan.</li> </ul>
Remark	The credit value of this unit of competency is based on the assumption that the learner has printing technology application and management knowledge.