

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

Functional Area - Quality Management

Title	Understand print quality control and management
Code	106279L3
Range	Using print product quality control tools, assist in establishing quality standards for print products, perform quality control tasks, and address quality issues during production for the print quality control department or production department.
Level	3
Credit	6 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Understand the operation of quality management system of the printing department.</p> <ul style="list-style-type: none"> <li>• Understand the methods and standards of print product quality control.</li> <li>• Understand the operation of quality management system.</li> <li>• Know international standards and verification methods for assessing the quality of major printing materials, such as papers, ink, etc.</li> <li>• Master print quality control tools, including grey scale, color target, cross mark, crop mark, spine number, etc., and measurement tools, including magnifying glass, thickness gauge, densitometer, etc.</li> <li>• Understand major buyers' expectations for print quality.</li> <li>• Master the methods for testing product protection capability of Kraft papers and corrugated papers.</li> </ul> <p>2. With the above knowledge, be able to assist the printing department in managing product quality, in order to meet the quality standards set out in the orders.</p> <ul style="list-style-type: none"> <li>• Make effective use of print quality control tools to maintain stable product quality and address quality issues during production.</li> <li>• Be able to use appropriate testing equipment to determine whether the holding and protection capabilities of Kraft papers and corrugated papers meet international standards before producing corrugated carton boxes.</li> <li>• Use appropriate testing equipment to test whether the capability of the corrugated carton box for protecting print products meets international standards during production.</li> </ul> <p>3. Be able to assist in establishing the mode of quality management and reviewing its efficacy in the light of the company's established quality control standards, and the buyer's expectations for printing quality.</p>
Assessment Criteria	<p>The integrated outcome requirement of this unit of competency:</p> <ul style="list-style-type: none"> <li>• Be able to assist in developing quality standards and quality control methods and putting them into practice, and addressing quality issues during production in the light of established printing quality requirements.</li> </ul>
Remark	The credit value of this unit of competency is based on the assumption that the learner has knowledge of printing quality management.