

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

Functional Area - Material Technology

Title	Understand the applications of printing materials
Code	106286L2
Range	Follow instructions and assist the print production department or procurement department in the production and procurement of printing materials.
Level	2
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Understand the utility and properties of print production materials</p> <ul style="list-style-type: none"> <li>• Understand the properties and utility of prepress materials (film, plates, film and plate chemicals).</li> <li>• Understand the properties and utility of printing materials (papers, ink, solvents, fountain solutions, plate materials and polymers).</li> <li>• Understand the properties and utility of postpress finishing materials (wires, glue and threads).</li> <li>• Understand the properties and utility of environmentally friendly materials, and how to use them.</li> </ul> <p>2. With the above knowledge, be able to master the optimum combination of printing materials for improving printing quality and assisting in the production operations.</p> <p>3. Be able to assist in the procurement of printing materials using practical knowledge of such materials gained from production operations and under supervision.</p>
Assessment Criteria	<p>The integrated outcome requirement of this unit of competency:</p> <ul style="list-style-type: none"> <li>• Be able to follow instructions and assist in the production and procurement tasks in the light of the utility and properties of materials for prepress, press and postpress processes.</li> </ul>
Remark	The credit value of this unit of competency is based on the assumption that the learner has basic knowledge of printing materials.