

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

Functional Area - 綠色印刷

Title	Formulate corporate policies on procurement and use of green printing materials
Code	106295L5
Range	Understand the types, standards and properties of different green printing materials that best suit the production workflows. Formulate effective policies for procuring and using environmentally friendly materials, and monitor the impact of environmentally friendly materials on work efficiency and product quality.
Level	5
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Understand the types, standards and properties of different green printing materials.</p> <ul style="list-style-type: none"> • Familiar with the green printing materials used by various departments, including recycled papers, environmentally friendly inks, low VOC solvents, process-less plates, environmentally friendly binding and finishing materials, etc. • Understand international certification organisations for green printing materials, such as the United States Environmental Protection Authority (EPA), European Standards (EN), American Society for Testing and Materials (ASTM), American National Standards Institute (ANSI), British Standards Institution (BSI), etc. • Understand international green materials certification systems, such as FSC (Forest Stewardship Council), PEFC (Programme for the Endorsement of Forest Certification), SFI (Sustainable Forestry Initiative) and ASF (Association for Sustainable Forestry), etc. <p>2. With the above knowledge, be able to formulate cost-effective policies for procuring green materials that complement the company's production workflows and meet the clients' demands specified in the purchase orders.</p> <p>3. Be able to coordinate various production departments in the use of environmentally friendly materials as per the corporate environmental policies, and monitor the impact of environmentally friendly materials on work efficiency and product quality.</p>
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> • Be able to formulate cost-effective policies for procuring green materials that complement the company's production workflows. • Be able to monitor the impact of environmentally friendly materials on work efficiency and product quality.
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.