

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

Functional Area - Printing Technology

Title	Understand application of printing technology
Code	106256L2
Range	Identify the print product characteristics of different major printing methods, perform plate making, plate preservation and other related tasks in prepress department and pressroom.
Level	2
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Understand major printing methods and their characteristics.</p> <ul style="list-style-type: none"> • Understand lithographic, intaglio, relief, screen and digital printing methods. • Understand the differences between and advantages of lithographic, intaglio, relief, screen and digital printing methods. • Understand the principles of lithographic printing. • Master the correct methods of adjusting fountain solution during print production and understand the impact of a fountain solution on print quality. • Understand plate making methods of lithographic printing. • Understand the maintenance process of plate in use and preservation after use of lithographic printing. • Understand the differences of digital printing with other printing methods. • Understand the process and printing production workflow of digital printing. • Understand basic operation techniques of digital printing machine. <p>2. With the above knowledge, assist in plate making and digital prepress production in prepress department and press room.</p> <p>3. Under set instructions of departments on safe operation guidelines and file archive guidelines, perform the preservation of plates and archive of digital files under supervision after completion of prepress and printing job according to the safe operation guidelines and file archive guideline.</p>
Assessment Criteria	<p>This integrated outcome requirement of this unit of competency:</p> <ul style="list-style-type: none"> • Able to perform plate making, plate preservation and other related tasks based on instructions and plate characteristics of lithographic printing method.
Remark	The credit value of this unit of competency is based on the assumption that the learner has basic printing knowledge.