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

Functional Area - Prepress Technology

Title	Master digital output techniques
Code	106251L4
Range	Apply software flexibly to correct files for best file output, master quality control, evaluate output quality and perform digital output and related tasks in prepress department.
Level	4
Credit	6 （For Reference Only）
Competency	Performance Requirements 1. Master plate output techniques that comply with printing production specifications • Master file output requirements for printing, including compare characteristics of different preflighting software, apply characteristics of different compression techniques flexibly for best file output, apply software flexibly to correct files for best file output and master image processing output such as DCS(Desktop Colour Separation) and OPI(Open Prepress Interface), etc. • Master techniques for using digital imposition software, including master processing of best personalized imposed page, thoroughly understand the relationship between paper and page imposition, apply digital imposition software flexibly to produce complex jobbing works, book, and packaging, etc. Master techniques for digital proofing, including identify proofing method for meeting requirements, and master techniques of ICC(International Colour Consortium) color management for handling digital proofing output. • Master the use of computer-to-plate (CTP) workflow system for best plate output. • Understand quality control methodology and master the use of quality control test forms for evaluating output quality level. • Understand ISO12647 and related standard as a mean to control quality. 2. With the above knowledge, be able to apply quality control methodology and techniques in executing digital output tasks that comply with quality requirements.
Assessment Criteria	This integrated outcome requirement for this unit of competency: • Able to apply quality control methodology and techniques to execute digital output and related tasks in compliance with quality requirements.
Remark	The credit value of this unit of competency is based on the assumption that the learner has knowledge of digital file output.