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

Functional Area - Printing Technology

Title	Establish effective anti-counterfeit printing and authentication system
Code	106266L5
Range	Apply anti-counterfeit printing technology to produce print products with anti-counterfeit features for customers in production department of a printing company, and establish effective authentication methods and non-disclosure agreement of production technology, in order to avoid the leaking of this technical information.
Level	5
Credit	6 （For Reference Only）
Competency	Performance Requirements 1. Understand anti-counterfeit printing technology • Understand anti-counterfeit printing technology, including lithographic, relief, integlio, holographic and digital printing, etc. • Master the printing procedure of the above anti-counterfeit printing technology. • Understand the procurement channels of software, hardware and materials for anti-counterfeit purposes, including legal manufacturing source and supplier, standard for quality check, safely delivery, etc.. • Understand the effects, specifications, performance requirements and authentication methods of different anti-counterfeit printing features. • Understand the prepress file preparation technique, plate-making, printing and postpress technical requirements for different anti-counterfeit printing features. • Understand the monitoring of leaking security of production technology in different production departments, leaking of products, lost prevention, etc through work instructions. • Master quality control standard of anti-counterfeit print. 2. With the above knowledge, be able to provide customers with effective anti-counterfeit printing and authentification methods, and establish effective production workflow, staff mannel and security monitoring system, etc. 3. Be able to review continuously the counterfeiting printing technology used by the company, research the latest development of anti-counterfeit printing technology, so as to motivate staff for producing the best print products with anti-counterfeit features.
Assessment Criteria	This integrated outcome requirements of this unit of competency are: • Master the anti-counterfeit printing technology for lithographic, relief, intaglio, holographic, and digital printing.. • Be able to establish effective anti-counterfeit printing workflow, staff manual and security monitoring system, etc.
Remark	The credit value of this unit of competency is based on the assumption that the learner has printing production technology application and management knowledge.