

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

Functional Area - Printing Technology

Title	Establish development plan for large format inkjet printing products
Code	106262L5
Range	Follow on the rapid development of advertising market, there is a continuous increase in the demand of large format printing product, and the products are very versatile for applications in different venues and purposes. Master the inkjet printing production technology, the characteristics of large format inkjet printing facilities, and also the application and production methods of different materials in printing department. Be able to evaluate the feasibility of expansion of new large format inkjet printing products for a company.
Level	5
Credit	6 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Master large format inkjet printing technology</p> <ul style="list-style-type: none"> • Understand the types and scope of applications of large format inkjet printing. • Understand the production techniques of large format inkjet printing products, including file design, resolution, and output specifications, inkjet printing process, material treatments, post printing multi leaf stitching, and mounting hanger components, etc. • Understand material characteristics of outdoor large format inkjet printing products, including environmental protection standard compatibility, high tensile strength, wind proof, waterproof, ink fastness, and UV resistance, etc. • Understand the technical requirements, specifications and installation techniques for installing large format inkjet print advertisement in different kinds of venues, including license application, risk assessment of site and safety management, work methods, electricity source and lighting system installation, etc. • Understand the production and installation costs for large format inkjet print advertisement. <p>2. With the above knowledge, evaluate the feasibility of expansion of new large format inkjet printing products for a company, and establish the setting of production line and staff development plan.</p> <ul style="list-style-type: none"> • Evaluate the price-performance comparison of large format inkjet printing facilities with different brands and their economic effectiveness. • Evaluate the work quality of subcontractors in installations of outdoor large format inkjet print advertisement. <p>3. Be able to coordinate different departments in company and subcontractors for implementing production plan for new large format inkjet print products, and establishing product quality specifications and management methods.</p>
Assessment Criteria	<p>This integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> • Be able to evaluate the feasibility of expansion of new large format inkjet print products for a company, and to establish the setting of production line and staff development plan. • Be able to coordinate different departments and subcontractors for establishing product quality specifications and management methods.
Remark	The credit value of this unit of competency is based on the assumption that learner has printing technology application and management knowledge.