

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

Functional Area - Printing Technology

Title	Master operation of lithographic printing press for paper feeding, delivery and registration
Code	106257L2
Range	Adjust paper feeding system, position of print image, and delivery board, perform paper fanning, knocking, pulling and counting, handle waste paper and perform related tasks in lithographic printing department.
Level	2
Credit	6 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Master operation of lithographic printing press for paper feeding, delivery and registration.</p> <ul style="list-style-type: none"> • Understand operation procedure for lithographic printing press, including prepress preparation, understand matters requiring special attention during printing production, master procedures and techniques for printing press clean up after printing. • Know correct procedures and techniques for adjusting paper feeding system. Familiar with operation and techniques for adjusting paper feeding system. Understand techniques for adjusting feeder board accessories. Familiar with correct procedures and techniques for adjusting paper guide system. • Understand techniques for adjusting position of print image. Familiar with front lay and side lay adjustment. Adjust plate cylinder correctly. Master techniques for adjusting position of print image. Understand importance of front lay and side lay adjustment to registration. • Understand names and functions of delivery board components. Master correct procedures and techniques for adjusting paper delivery system. Know spraying powder system structure and function. Understand techniques for adjusting spray powder system. Understand reasons for printing set-off. • Master paper pulling for randomized print proofs for the uses of printed dummies and quality control. <p>2. Be able to master adjusting of paper feeding system, registration, delivery board, and perform paper fanning, knocking, pulling and counting, handle waste paper and perform related tasks under supervision in lithographic printing department.</p> <p>3. Master the uses of waste paper for adjusting feeding system and delivery system of lithographic printing press according to printing requirements, and perform techniques of cylinder adjustment and print position adjustment for registration and assist collecting print proofs and related tasks.</p>
Assessment Criteria	<p>This integrated outcome requirement of this unit of competency:</p> <ul style="list-style-type: none"> • Be able to use waste paper for adjusting feeding system and delivery system of lithographic printing press according to printing requirements, and perform techniques of cylinder adjustment and print position adjustment for registration and assist collecting print proofs and related tasks.
Remark	The credit value of this unit of competency is based on the assumption that the learner has basic knowledge of lithographic printing press operation.