

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

Functional Area - Printing Machinery

Title	Understand printing machinery maintenance
Code	106282L2
Range	Carry out machinery maintenance and simple repair work in accordance with laid-down instructions of the print production department.
Level	2
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Know the features and basic structure of and routine maintenance guidelines for printing equipment.</p> <ul style="list-style-type: none"> • Know the features and basic structure of, and routine maintenance guidelines, repairing tools, materials and methods for prepress equipment, including digital camera, computer, printer, image output device, color proofing system, computer-to-plate system, etc. • Know the features and basic structure of, and routine maintenance guidelines, repairing tools, materials and methods for lithographic printing presses (sheet-fed or web-fed), and the design principles, special features and peripheral devices of mainstream printing presses. • Know the features, basic structure, and guidelines and methods for routine maintenance of measurement instruments, including densitometer and color spectrophotometer, etc. • Know the routine maintenance guidelines, and repairing tools, materials and methods for postpress equipment, including folding machine, guillotine, saddle stitch machine, hot-stamping machine, perfect binding machine, sewing machine, die cutting machine, laminating machine, varnishing machine, UV varnishing machine, calendaring machine, case making machine, casing-in machine, rigid box making machine, etc. <p>2. Understand the importance of routine repair and maintenance to the operation of production equipment.</p> <p>3. Be able to carry out routine machinery maintenance and repair in accordance with established guidelines under supervision.</p>
Assessment Criteria	<p>The integrated outcome requirement of this unit of competency:</p> <ul style="list-style-type: none"> • Be able to carry out regular machinery maintenance and simple repair.
Remark	The credit value of this unit of competency is based on the assumption that the learner has basic knowledge of printing machinery.