

**Specification of Competency Standards**  
**for the Printing and Publishing Industry**  
**Unit of Competency**

1. Title	Understand printing machinery maintenance
2. Code	PPRPM201A
3. Level	2
4. Credit	12
5. Competency	<p style="text-align: center;"><b><u>Performance Requirements</u></b></p> <p>5.1 Understand function, basic structure and maintenance of prepress facilities</p> <ul style="list-style-type: none"> <li>◆ Familiar with prepress facilities including functions and basic structure of scanner, colour separation device, digital camera, computer, printer, image output device, colour proofing system, computer-to-plate system, etc</li> <li>◆ Understand methods of loading and using lubricant feeder Know lubricant inlet, correct procedure and techniques for filling</li> </ul> <p>5.2 Understand function, basic structure and maintenance of printing machine</p> <ul style="list-style-type: none"> <li>◆ Master major types of printing machines including functions and basic structure of sheet-fed and web-fed machines</li> <li>◆ Able to identify major printing machines based on paper size, arrangement of cylinders, print unit, running speed, sheet fed or continuous pile feeding system</li> <li>◆ Understand methods of loading and using lubricant feeder Know lubricant inlet, correct procedure and techniques for filling</li> </ul>

	<p>5.3 Know design theory of mainstream printing machines</p> <ul style="list-style-type: none"> <li>◆ Familiar with structure of major printing machines</li> <li>◆ Master special functions of mainstream printing machines</li> <li>◆ Know add-ons to mainstream printing machines</li> </ul> <p>5.4 Understand function, basic structure and maintenance of postpress facilities</p> <ul style="list-style-type: none"> <li>◆ Familiar with major postpress facilities including functions and basic structure of folding machine, guillotine, book binders, stamping machine, perfect binding machine, stitching machine, die-cutting machine, laminating machine, varnishing machine, UV coating machine, glazing machine, etc</li> <li>◆ Understand methods of loading and using lubricant feeder Know lubricant inlet, correct procedure and techniques for filling</li> </ul> <p>5.5 Carry out machine maintenance and simple repair</p> <ul style="list-style-type: none"> <li>◆ Carry out regular machine maintenance and simple repair according to set instructions</li> </ul>
6. Range	Carry out machine maintenance and simple repair according to set instructions in printing production department.
7. Assessment Criteria	The integrated outcome requirements of this unit of competency are: (i) Able to carry out regular machine maintenance and simple repair and perform related tasks.
8. Remarks	The credit value of this unit of competency is based on the assumption that the learner has basic knowledge of printing machinery.