

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

1. Title	Master operation of lithographic printing press for paper feeding and discharging and registration
2. Code	PPPRPR202A
3. Level	2
4. Credit	12
5. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>5.1 Understand operation procedure for lithographic printing press</p> <ul style="list-style-type: none"> <li>◆ Understand prepress preparation</li> <li>◆ Understand points to note during printing production</li> <li>◆ Master procedures and techniques for printing press clean up after printing</li> </ul> <p>5.2 Master techniques for adjusting and controlling feedboard (feeder) accessories</p> <ul style="list-style-type: none"> <li>◆ Know correct procedures and techniques for adjusting paper feeding system</li> <li>◆ Familiar with operation and techniques for adjusting paper feeding system</li> <li>◆ Understand techniques for adjusting feedboard accessories</li> <li>◆ Familiar with correct procedures and techniques for adjusting guide system</li> </ul> <p>5.3 Master techniques of registration</p> <ul style="list-style-type: none"> <li>◆ Understand techniques for adjusting position of print image</li> <li>◆ Familiar with front lay and side lay adjustment</li> <li>◆ Adjust plate cylinder correctly</li> <li>◆ Master techniques for adjusting position of print image</li> <li>◆ Understand importance of front lay and side lay adjustment to registration</li> </ul>

	<p>5.4 Master method and techniques for adjusting discharge board</p> <ul style="list-style-type: none"> <li>◆ Know names and functions of discharge board components</li> <li>◆ Master correct procedures and techniques for adjusting paper discharge system</li> <li>◆ Know spraying powder system structure and function</li> <li>◆ Understand techniques for adjusting spraying powder system</li> <li>◆ Understand reasons for print set-off</li> </ul> <p>5.5 Master preservation of best quality impression for press proof</p> <ul style="list-style-type: none"> <li>◆ Mark position of impression for press proof when printing press stabilizes</li> </ul> <p>5.6 Adjust and operate lithographic printing press</p> <ul style="list-style-type: none"> <li>◆ Adjust paper feeding and discharging system of lithographic printing press according to printing need by making use of waste paper and able to perform registration by applying techniques of plate cylinder adjustment.</li> </ul>
6. Range	Adjust paper feeding system, position of print image and discharge board, perform paper fanning, knocking, pulling and counting, handle waste paper and perform related tasks in lithographic printing department.
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Able to adjust paper feeding and discharging system of lithographic printing press according to printing need by making use of waste paper and apply plate cylinder adjustment techniques in registration and assist in press proof preservation and perform related tasks.</p>

8.Remarks	The credit value of this unit of competency is based on the assumption that the learner has basic knowledge of lithographic printing press operation.
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