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

1. Title	Master digital prepress technology
2. Code	PPPRPE401A
3. Level	4
4. Credit	12
5. Competency	Performance Requirements

	5.1 Master requirement of industry regarding prepress technology such as computer software and hardware	♦ Have a clear idea of technical requirements regarding digital prepress production flow ♦ Use computer operation system for updating information ♦ Keep abreast of latest information on professional page composition software and digital fonts
	5.2 Know latest trend of prepress technology	♦ Understand latest development of CTP system ♦ Know trend of PDF/JDF system flow ♦ Know latest development trend of screening technology ♦ Know clearly development trend of digital colour management technology ♦ Know development trend of digital proofing technology

	5.3 Understand and apply colour reproduction theory	♦ Master application of colour management ♦ Understand importance of colour standardization ♦ Apply colour communication techniques ♦ Master techniques for effective digital proofing output
	5.4 Understand properties of common graphics and text files for multi-purpose application	♦ Master techniques for producing usable PDF file ♦ Understand PDF/X file properties and production techniques
	5.5 Use major imposition software for complex printing jobs	♦ Understand application of digital imposition and boxwork software ♦ Use imposition software to handle complex printing jobs
	5.6 Apply colour management techniques	♦ Use colour management techniques for multi-purpose digital file production and proofing tasks
6. Range	Make use of graphics and text file to produce multi-purpose digital file in addition to mastering colour reproduction and standardized colour digital proofing and perform related tasks in prepress department.	

7. Assessment Criteria	The integrated outcome requirements of this unit of competency are: (i) Able to apply major imposition software and colour management techniques in production of multi-purpose digital file and proofing in accordance with digital prepress production flow 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 digital prepress technology.