

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

1. Title	Understand digital colour management techniques
2. Code	PPPRCO301A
3. Level	3
4. Credit	12
5. Competency	<p style="text-align: right;"><u>Performance Requirements</u></p> <p>5.1 Understand colour formation theory</p> <ul style="list-style-type: none"> ◆ Understand CIE standard colourimetric system ◆ Make use of appropriate environment for viewing colour ◆ Make correct use of measuring instruments for colour evaluation ◆ Master major colour definition with computer <p>5.2 Understand mathematical model of colour and mode of conversion</p> <ul style="list-style-type: none"> ◆ Understand major colour space conversion <p>5.3 Understand ways of calibrating colour of device</p> <ul style="list-style-type: none"> ◆ Understand major colour management software and hardware ◆ Use major colour management hardware and software for calibrating colour of devices

	<p>5.4 Use device profile in prepress software application and presentation skills</p> <p>5.5 Use colour application technology for digital proofing</p> <p>◆ Use special functions of major colour management software and select useful components for colour modification</p> <p>◆ Apply colour management techniques for colour calibration of digital proofer</p>
6. Range	Make use of colour management hardware and software to carry out colour management and related tasks under supervision in printing production department.
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Able to perform colour management under supervision by making use of colour management hardware and software.</p>
8. Remarks	The credit value of this unit of competency is based on the assumption that the learner has general knowledge of colour management in printing.