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

1. Title	Master ink mixing techniques
2. Code	PPPRPR205A
3. Level	2
4. Credit	12
5. Competency	Performance Requirements

	5.1 Understand properties of process colour ink provided by vendor	♦ Compare gloss effect of process ink on major papers
	5.2 Understand properties of spot colour ink, transparent ink and compound provided by vendor	♦ Understand gloss effect of blended ink with spot colour ink, transparent ink and compound on major materials
	5.3 Understand ink formula system and method for handling spot colour specifications from customer	♦ Evaluate viability of matching pantone ♦ Understand effect of illumination on pantone matching ♦ Have a clear idea of acceptable tolerance level for pantone matching

	5.4 Use process colour ink, spot color ink and transparent ink for pantone matching	♦ Aware that blended inks are within acceptable tolerance range
	5.5 Know application of colour matching software	♦ Know application of colour matching software ♦ Understand limitations of colour matching software
	5.6 Mix and match spot colour ink	♦ Assist in mixing and matching ink colour according to set pantone requirements and properties of different kinds of inks and papers and perform related tasks

6. Range	Assist in mixing and matching ink colour according to set requirements and properties of different printing materials and perform related tasks in printing department
7. Assessment Criteria	The integrated outcome requirements of this unit of competency are: (i) Able to assist in mixing and matching ink colour according to set pantone requirements and properties of different kinds of inks and papers 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.