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

Functional Area - Colour Management

Title	Implement colour management standards
Code	106283L5
Range	Colour management standards are improving steadily. However, different industries vary in their special colour requirements, so buyer and printing companies can only confirm that such requirements have been met through proofing. By having a thorough understanding of the pros and cons of colour management standards, one can instill confidence in the buyer to let the printing company retain the responsibility of colour management. The implemetation of colour management standards can help printing companies win the trust of buyer.
Level	5
Credit	6 （For Reference Only）
Competency	Performance Requirements 1. Understand the limitations of colour management standards. • Understand colour conversion between different gamuts. When the source colour gamut is similar to the target colour gamut, colour management standards call for the use of colourimetric intent for conversion. In case of a substantial mismatch between the gamuts, the standards have improved certain control parameters for using perceptual intent rendering. However, a viable set of parameters for saturation intent rendering has yet to be established. • Understand that one of the key control factors in the colour conversion is maintaining the black or white points in the source and target files. • Understand that colour management standards have to meet the practical requriements of a printing company in multi-colour printing, alteration of printing sequences and accurate colour conversion. 2. With the above abilities, implement colour management standards to create print products that meet the buyers' requirements. 3. With the help of colour management standards, pursue the use of RGB workflow to provide buyers with even more diversified colour management services.
Assessment Criteria	The integrated outcome requirements of this unit of competency are: • Be able to understand the limitations of color management standards. • Be able to implement color management standard to create print products that meet the buyers' requirements.
Remark	