

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

Functional Area - Prepress Technology

Title	Master uniform calibration in prepress
Code	106252L5
Range	Master confining the hardware/ software performance in prepress, including RGB, CMYK appearance and conversion, Lab color space adoption, and ICC profile utilization, etc in prepress department. Master a standard procedure for uniform calibration of prepress department by using standards testing printing forms and color spectrophotometer so as to appropriately harmonize all hardware/software in prepress department. In addition, coordinate with customers and designers for an uniform calibration procedure whenever possible. Apply ISO15930 (i.e. PDF/X) standard in prepress workflow as far as possible in order to reduce handshaking errors. Fine tune the hardware/ software of prepress department based on standards and uphold their performance until next calibration exercise.
Level	5
Credit	6 (For Reference Only)
Competency	<p>Performance Requirements</p> <ol style="list-style-type: none"> 1. Master confining the hardware/ software performance in prepress, including RGB, CMYK appearance and conversion, Lab color space adoption and ICC profile utilization, etc. <ul style="list-style-type: none"> • Master a standard procedure for uniform calibration of prepress department by using standard testing print forms and color spectrophotometer so as to appropriately harmonize all hardware/ software in prepress department. In addition, coordinate with customers and designers for an uniform calibration procedure whenever possible. 2. Apply ISO15930 (i.e. PDF/X) standard in prepress workflow as far as possible in order to reduce handshaking errors. Fine tune the hardware/ software of prepress department based on standards and uphold their performance until next calibration exercise. 3. With the above knowledge, be able to implement uniform calibration procedure in prepress department, and to analyze any possible problems arisen and troubleshoot to solve the problems.
Assessment Criteria	<p>This integrated outcome requirements for this unit of competency are:</p> <ul style="list-style-type: none"> • Be able to explain the theory behind the specific conditions in the uniform calibration procedure, the function of each step in the procedure, and the overall performance of prepress department upon completion of calibration exercise. • Be able to use prepress software in real jobs or establish an uniform calibration procedure for more than three prepress hardware, and achieve the uniform performance of prepress.
Remark	