

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

1. Title	Understand preflight techniques
2. Code	PPPRPE306A
3. Level	3
4. Credit	9
5. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>5.1 Understand requirements on printable file output</p> <ul style="list-style-type: none"> ◆ Understand different file formats and their applications ◆ Understand use of different Chinese and English digital text types and their output properties ◆ Master effective resolution calculating ◆ Have a clear idea of characteristics and application of compressing technology ◆ Understand colour handling for pantone and overprinting <p>5.2 Use appropriate software remedy file to meet printing requirements</p> <ul style="list-style-type: none"> ◆ Use file checking software ◆ Apply trapping techniques properly ◆ Apply screening technology ◆ Apply basic methods for PostScript and PDF output <p>5.3 Use appropriate techniques for barcode output and quality checking</p> <ul style="list-style-type: none"> ◆ Understand international standards for barcode (such as barcode colour, size and distance) ◆ Know major software for making barcode ◆ Master production of barcode film and plate according to restrictions of different printing methods

	<ul style="list-style-type: none"> ◆ Know how to use testing instruments for checking if output barcode film and plate meet requirements
6. Range	Carry out examination and remedy for digital file, file converted into PDF and printable file, page imposition software application, digital proofing, CTP according to set requirements and perform related tasks in prepress department.
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Able to use software for checking and remedying digital file according to set digital output requirements and quality need.</p>
8. Remarks	The credit value of this unit of competency is based on the assumption that the learner has knowledge of digital file output.