



Australian Government

Assessment Requirements for ICPPRN2110

Mount and proof flexographic plates for basic printing

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with ICP Printing and Graphic Arts Training Package Version 4.0.

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- prepare flexographic plates and plate cylinders on two occasions for basic jobs and mount these according to the selected mounting system, as specified on job documentation or production control system, according to enterprise procedures
- proof plates and check plate cylinder registration of the flexographic plates mounted on the proofing machine for this purpose on two occasions for basic jobs.

In the course of the above the candidate must:

- operate tools and machinery according to work health and safety (WHS) requirements.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- WHS risks and requirements for:
 - mounting and proofing plates
 - setting up and operating machinery
 - machine shutdown
 - cleaning machinery
- the job documentation or production control system and the job information it contains
- the checks to be done prior to set up (availability of materials etc.)
- flexographic printing plates and mounting systems
- the effect of pitch circle diameter (PCD) on specified plate cylinders and gears
- checks required to ensure the required plates for the job have been selected
- circumstances where cushion type mounting material is used
- handling and mounting procedure for plates that avoids damage
- options to seal edges of plates when mounting

- the importance of measuring plate height
- the effect of TIR (total indicated run-out) on press performance
- the procedure for V-block mounting
- proofing and adjustment throughout the production run
- quality control measurements to apply to the proof to test against known standards
- the checks to be made on initial print prior to running
- methods for minimising registration errors
- manufacturer manuals, enterprise procedures and work health and safety documentation, including their location and purpose.

Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry. Noise levels, production flow, interruptions and time variances must be typical of those experienced in the printing field of work and include access to:

- flexographic printing machine
- mounting systems
- print direction chart.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a74b7a0f-a253-47e3-8be0-5d426e24131d>