



Australian Government

**Assessment Requirements for ICPPRN4110
Mount and demount flexographic plates for
complex 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:

- mount and demount plates and install in a flexographic printing machine for different complex print jobs on two occasions according to job specifications.

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:

- work health and safety (WHS) risks and requirements for:
 - mounting and demounting plates, gears and cylinders
 - cleaning and waste disposal
- enterprise personnel to discuss production problems with
- common causes of photopolymer plates crazing on the image side
- printing plate resiliency and its purpose
- the advantages of thin photopolymer plates in process printing
- faults that may be detected on new plates
- types of solvents used on photopolymer plates
- benefits of optical mounting
- the purpose of binding plates after mounting
- print faults that can be eliminated by using a cushion mount
- the result of air being trapped under plates
- cushion mount selection for a particular job
- methods of eliminating low spots
- steps taken to minimise press bounce in jobs mounted more than one across
- causes of print slur
- checks and tolerances required for total indicated runout (TIR)
- methods of preventing or minimising plate lifting

- plate cleaning and demounting procedures that minimise damage, and visual signs of damage
- the method used to make registering the job easier on the press
- manufacturer manuals, enterprise procedures and work health and safety documentation, including their location and purpose.

Assessment Conditions

Gather evidence to demonstrate consistent performance in conditions that are safe and replicate the workplace. Noise levels, production flow, interruptions and time variances must be typical of those experienced in the printing field of work and include access to:

- special purpose tools, equipment and materials
- flexographic plates .

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>