



Australian Government

Assessment Requirements for ICPPRN411 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 1.0.

Performance Evidence

Evidence of the ability to:

- prepare and mount flexographic plates and plate cylinders for complex printing to meet job specifications, including checking registration if necessary
- mount and demount plates and install in a flexographic printing machine for a variety of different complex print jobs on TWO occasions according to job specifications.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- explain the need to ensure job specifications are read and properly understood
- describe production problems that could be created by not reading or understanding the job specifications
- identify who to discuss any production problems with
- list work health and safety (WHS) concerns of mounting and demounting plates
- describe the most common cause of photopolymer plates crazing on the image side
- explain the importance of printing plate resiliency
- list the main advantage of using thin photopolymer plates in process printing
- outline faults that may be detected on new plates
- identify type of solvents used on photopolymer plates
- describe benefits of optical mounting
- explain the purpose of binding plates after mounting
- outline possible print faults that could be eliminated by using cushion mount
- describe the result of air being trapped under plates
- explain how to select the correct cushion mount for a particular job
- explain how to eliminate low spots

- explain how to minimise press bounce in jobs that are mounted more than one across
- list some possible causes of print slur
- explain how to prevent or minimise plate lifting
- explain the method used to make registering the job easier on the press
- locate machine manuals, safety and other documentation relevant to this task, and explain the information contained in them
- identify other sources of available information.

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.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet -

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