



Australian Government

Assessment Requirements for ICPPRN3410

Set up for basic pad 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:

- set up a pad printing machine on two occasions for routine print jobs to meet enterprise procedures, manufacturer and job specifications; including setting up manual pre- and post-treatment processes and completing a proof run.

In the course of the above the candidate must:

- demonstrate all safety devices on the machine.

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:
 - setting presses and handling doctor blades
 - using pre- and post-treating substrates
- the class of substrate the (given) object came from
- steps taken to determine if an ink can be used with a particular substrate
- steps taken to determine if an ink is mixed to the required viscosity
- the pot life of a two-component ink
- steps taken to determine the required pad shape for applications
- the effect pad shape and hardness has on print quality
- the required storage conditions for pads
- the steps taken to determine the required plate type for given applications
- techniques for adjusting the machine so the doctor blade operates as required
- the effect of a damaged doctor blade
- the procedure for pre-treating an oily surface to ensure it is ready for printing
- the causes of and solutions for common print problems including:

- hairlines around image
- loss of density in the centre of a solid image
- fine lines of ink running through image
- distortion of image
- 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
- pad printing machinery.

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>