



Australian Government

Assessment Requirements for ICPPRN242

Produce basic pad printed product

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:

- safely produce TWO basic pad printing jobs (if possible on different substrates) to meet job specifications, enterprise procedures and work health and safety (WHS) requirements
- correctly shut down and clean pad printing machine and, if possible, rectify any production problems with minimum downtime.

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:

- outline major WHS concerns of operating this machine
- identify where the Material Safety Data Sheets (MSDS) are stored and what information they contain
- explain different machine cycle modes and how colour density of a light image on a dark substrate can be improved
- outline process for selecting the appropriate machine cycle mode to provide the highest production output for a particular product
- explain correct ink viscosity during production
- explain causes of unreleased ink remaining on the printing pad and how this issue is identified
- explain the correct process for recognising a damaged pad and the correct method of cleaning a pad during production
- outline pre- and post-treatment requirements and the simple pre-treatment commonly required for injection-moulded objects
- identify how long ink on the job takes to cure before scratch and adhesion tests can be performed
- describe common print problems, how they are identified, and how they can be rectified

- describe visible effects in the image if ink viscosity is incorrect
- outline the process for adjusting the machine to correct a shift in image position on the product
- identify machine manuals, safety and other documentation relevant to this task, where they are kept and information they contain.

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:

- pad printing machine
- 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>