



Australian Government

Assessment Requirements for ICPSCP3760

Operate an automatic screen printing machine

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:

- complete two different jobs on an automatic printing machine according to manufacturer, job, enterprise and 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 requirements for:
 - applying ink to the screen and producing an automated print run
 - operating and monitoring drying or curing systems
 - reclaiming screens
- the process of recording and reporting any substrate irregularities
- the checks used for ink compatibility and stencil compatibility
- the process of setting the substrate position
- the products and materials used to keep equipment clean
- required film and emulsion exposure before production
- the quality control devices used to check print standards and acceptable variables or tolerances when checking print against the proof
- proof quality and technical requirements and their correction procedures, including:
 - colour and strength
 - registration and clarity
 - adhesion
 - gloss level
 - drying or curing
 - artwork detail

- the relationship between ink film thickness and ink density, and the range of densities allowed
- key properties that determine belt speed and heat unit setting for curing
- enterprise personnel responsible for final approval before commencing the production run
- required quality inspection during the printing process and the frequency of these inspections
- the purpose of workplace documentation
- the maintenance required on the machine and the purpose of reporting faulty equipment
- stacking, storing and handling processes and the purpose of labelling and recording processes
- the purpose of keeping equipment and surrounding areas clean, including screens and squeegees
- procedures for disposing of liquid waste
- storage procedures for screens to minimise damage
- 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 screen printing field of work and include access to:

- cleaning chemicals
- automatic screen printing machines.

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>