



Australian Government

Assessment Requirements for ICPSCP376 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 1.0.

Performance Evidence

Evidence of the ability to:

- complete TWO different jobs on an automatic printing machine according to manufacturer, job, enterprise and health and safety requirements.

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 the process of recording and reporting any substrate irregularities
- describe the checks used for ink compatibility and stencil compatibility
- describe the process of setting the substrate position
- name the products and materials used to keep the equipment clean
- discuss health and safety concerns when applying ink to the screen and producing an automated print run
- describe the quality control devices that are used to check the print standards and acceptable variables or tolerances when checking the print against the proof
- describe the relationship between ink film thickness and ink density, and the maximum and minimum densities allowed
- outline the properties that determine belt speed and heat unit setting for curing
- name the person responsible for the final approval before commencing the production run
- describe required quality inspection during the printing process and discuss the frequency of these inspections
- outline the purpose of workplace documentation
- discuss health and safety concerns in relation to monitoring drying or curing systems
- outline the maintenance that should be carried out on the machine and the importance of reporting faulty equipment

- describe stacking, storing and handling processes and the importance of labelling and recording processes
- outline necessary health and safety practices when reclaiming screens
- describe the importance of keeping equipment and surrounding areas clean, including the cleaning of screens and squeegees
- describe the correct procedures for disposing of liquid waste
- outline the process for storing screens to minimise damage
- identify required manuals, safety and other documentation and briefly outline the relevant information in each source.

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 and automatic screen printing machines.

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>