



Australian Government

Assessment Requirements for ICPSCP2750

Automatically produce basic screen prints

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:

- produce two complex prints of more than two colours, containing line and tone using an automatic screen printing machine.

In the course of the above the candidate must:

- operate production process in association with fellow workers and according to enterprise procedures and planned daily schedule
- follow work health and safety (WHS) requirements, manufacturer specifications and enterprise procedures
- demonstrate use of control, monitoring and data entry systems
- anticipate production difficulties and take preventive action to prevent occurrence.

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:

- enterprise procedures, and WHS risks and requirements for:
 - setting up and operating infra-red or UV curing units
 - maintaining and using an automatic printing machine
 - handling inks and solvents
 - cleaning equipment, squeegees/flood coaters, and surrounding areas
- machine adjustments required prior to set up and after printing, including maintenance on machine, feeder, and drying or curing units
- process for selecting substrate to job specifications and its required machine printing rate
- procedure for checking screen sequence of colours, ink, substrate and squeegee or flood coater prior to printing
- system for setting feed board and loading substrate, and preparations required prior to loading the feeder

- steps taken to position, register and lock the screen in position
- need to adjust the off contact or peel-off requirements of the screen
- relationship between ink deposit, squeegee speed and belt speed and temperature of drying or curing unit
- effect of humidity on the substrate
- required ink viscosity prior to and during printing, required output handling to prevent ink offsetting, and effect that ink conditions have on output capacity
- checks on and maintenance of print quality that take place during the run
- need to determine exact count of the output and record production details on the job sheet
- aspects and quality requirements of proof requiring checking after run and their adjustment procedures, including:
 - colour and strength
 - registration and clarity
 - adhesion
 - gloss level
 - drying or curing
 - artwork detail
- procedures for removing ink without damaging the screen
- indicators of faults in equipment and enterprise personnel to report to
- 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:

- automatic printing machine
- more than two colours.

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>