



Australian Government

Assessment Requirements for ICPSCP3710

Manually produce complex screen prints

Release: 1

Assessment Requirements for ICPSCP3710 Manually produce complex screen prints

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:

- manually produce two different three or more colour screen prints.

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
- 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:
 - producing a manual print
 - setting up and operating printing machinery
 - cleaning and waste disposal
 - machine shutdown
- selection criteria for the substrate for the job
- ink and substrate compatibility
- key characteristics of solvents and ink additives and methods for determining their compatibility
- the method used for checking the screen, ink, substrate and selection of squeegee prior to printing
- method for checking ink colour against job requirements
- routine maintenance required on the printing base
- lay edge on the equipment

- required position, register and process of locking the screen in position
- off contact distance
- selection of a drying or curing system
- process for calculating required belt speed for a print run
- reasons conditioning of some substrates is required
- procedure for checking required viscosity of ink during the print run and ways of rectifying any problems
- evaluation process and maintenance of print quality during the run
- proof quality and technical requirements including:
 - colour and strength
 - registration and clarity
 - adhesion
 - gloss level
 - drying or curing
 - artwork detail
- procedure for checking and stacking production output
- signs of equipment fault and enterprise personnel to report to
- method of cleaning squeegees, equipment and the surrounding area
- 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
- manual 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>