



**Australian Government**

# **Assessment Requirements for ICPSCP275**

## **Automatically produce basic screen prints**

**Release: 1**

## Assessment Requirements for ICPSCP275 Automatically produce basic screen prints

### 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 complex prints of more than two colours containing line and tone using a semi-automatic machine according to manufacturer, job and enterprise specifications and procedures
- demonstrate use of control, monitoring and data entry systems.

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:

- describe the adjustments that are necessary to the machine prior to setting up, including the maintenance on the machine and feeder
- identify the correct substrate to be used according to job specifications
- outline the procedure for checking the screen sequence of colours, ink, substrate and squeegee or flood coater prior to printing
- describe the system for setting the feed board and loading substrate, and the preparations needed prior to loading the feeder
- describe how to correctly position, register and lock the screen in position
- explain the need to adjust the off contact or peel-off requirements of the screen
- outline the work health and safety (WHS) requirements when working with infra-red or UV curing units
- explain the relationship between ink deposit, squeegee speed and belt speed and temperature of the drying or curing unit
- outline the routine maintenance undertaken on this drying or curing unit and the WHS concerns when maintaining and using an automatic printing machine
- describe the effect of humidity on the substrate

- explain the correct viscosity of the ink prior to and during printing and the effect that ink conditions have on output capacity
- outline the evaluation and maintenance of the print quality that takes place during the run
- discuss the ideal printing rate for this substrate on this machine
- outline the production output handling to prevent offsetting of the ink
- explain the need to determine the exact count of the output and to record production details on the job sheet
- describe the health hazards associated with ink or solvents
- outline the correct procedure for removing the ink without damaging the screen and cleaning squeegees or flood coaters, machine and surrounding area
- explain the maintenance that is required on this machine after printing
- 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 an automatic printing machine and more than two colours.

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>