



Australian Government

Assessment Requirements for ICPSCP351 Prepare machine and drying/curing unit

Release: 1

Assessment Requirements for ICPSCP351 Prepare machine and drying/curing unit

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:

- correctly prepare a machine for printing TWO different jobs by installing the screen frame and squeegee or flood coater and setting up a drying or curing unit to achieve the desired properties, 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:

- identify the colour sequence of screens and defects identified when examining the screen and stencil
- name the variation between the positive and stencil
- outline the health and safety concerns when using drying or curing units
- outline the maintenance that is required on this equipment, including the periodic adjustments that are made to the drying or curing units
- identify different machine capabilities and characteristics
- describe the function of the printing base
- describe the position of the lay sheet on the printing base and the image position on the lay sheet
- name the type of lay sheet being used
- describe the position of the frame in the frame holder, and registering and alignment of the stencil with the image on the lay sheet
- outline the checks that are required to maintain register
- describe the characteristics of a good squeegee blade or flood coater
- discuss the significance of shore hardness of squeegee material and the length of squeegee or flood coater

- outline the positioning, fixing and adjustment of the squeegee or flood coater and the relationship of the squeegee to the flood coater
- describe the adjustment of on and off contact distance and peel-off requirements of the screen frame
- identify the relationship of the machine stroke to off contact or peel-off requirements
- outline the adjustments that are required to the unit for and during drying or curing
- discuss the effects of temperature on the substrate
- 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 special purpose tools, equipment and materials.

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>