



Australian Government

Assessment Requirements for ICPSCP3510 Prepare machine and drying/curing unit

Release: 1

Assessment Requirements for ICPSCP3510 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 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:

- 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 specifications, enterprise procedures and work health and safety (WHS) requirements.

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:

- WHS requirements for:
 - drying or curing units
 - handling blades
 - handling screen frame, mesh and stencil
- colour sequence of screens and signs of defects when examining screen and stencil
- variation between the positive and stencil
- maintenance required on the equipment, including periodic adjustments of the drying or curing units
- different machine capabilities and characteristics
- function of the printing base
- lay sheet position on the printing base and the image position on the lay sheet
- type of lay sheet being used
- frame position in the frame holder, and registering and alignment of the stencil with the image on the lay sheet
- checks required to maintain register
- required characteristics of a squeegee blade or flood coater
- purpose of shore hardness of squeegee material and the length of squeegee or flood coater

- positioning, fixing and adjustment of the squeegee or flood coater and the relationship of the squeegee to the flood coater
- adjustment of on and off contact distance and peel-off requirements of the screen frame
- relationship of the machine stroke to off contact or peel-off requirements
- effects of temperature on the substrate
- factors determining belt speed and energy requirements
- 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:

- special purpose tools, equipment and materials
- machine with drying/curing unit.

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>