Assessment Requirements for ICPSCP2730 Semi-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 different one or two colour print runs, using a semi-automatic machine
- demonstrate use of control, monitoring and data entry systems.

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:

- WHS risks and requirements for:
    - operating a semi-automatic printing machine
    - cleaning and screen removal
    - waste disposal
- the required substrate, finished size, length of run and order of colours from the job specifications
- the required placement of image on the sheet and the significance of substrate guides or lays in preparation for printing
- features of the ink selection system
- set parameters of belt speed and head units
- type of squeegee or flood coater and the squeegee angle used
- process of producing a proof print and quality requirements to be checked on the proof, including:

- - colour and strength
  - registration and clarity
  - adhesion
  - gloss level
  - drying or curing
  - artwork detail
- process of the continuous monitoring of print quality
- process of drying and curing of ink before stacking
- procedure required for disposing of unused ink and solvent rags
- frequency and type of maintenance that should be performed on the printing machine
- indications of faults in equipment and enterprise personnel to report to
- regulatory requirements governing cleaning and waste disposal procedures
- 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 a semi-automatic printing machine.

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