Australian Government

Assessment Requirements for ICPSCP270 Manually prepare and produce 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 1.0.

Performance Evidence

Evidence of the ability to:

- set up screen printing machinery and produce a print that meets job specifications on a range of common substrates, using fundamental manual screening.

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:

- outline the information that can be gained from material safety data sheets (MSDS)
- explain why it is necessary to check the substrate for conformance to the job specifications
- describe the action required if the ink did not comply with the job specifications
- explain what compliance checks are made with the stencil
- determine what limitations occur when setting the substrate position
- describe the result if too much ink is applied to the screen
- explain why it is necessary to keep equipment clean
- outline the work health and safety (WHS) concerns when producing a manual print
- explain what is checked on the printed sheet when the proof print has been run off
- explain what determines the drying or curing system used for this application
- explain where to obtain product and machine specifications
- confirm what the result would be if the belt speed was too high
- explain why it is necessary to obtain final approval before commencing the production run
- identify aspects of the print that are evaluated during printing
- explain why it is necessary to make ink alterations during the run
- explain what happens to the workplace documentation when the print run is completed
- determine what WHS concerns there are in relationship to drying or curing systems

- explain what maintenance should be carried out on this machine
- explain why it is important to report any faulty equipment
- explain how to determine whether a print is dried or cured prior to stacking
- explain what the result would be if stacking occurs while the ink film is still wet
- describe the possible action needed if problems occur with the job progress
- explain how to identify the job's destination when the run has been completed
- explain the result of not keeping screens and squeegees clean
- describe the result of not following correct procedures when disposing of liquid waste
- explain the result of not keeping equipment and surrounding areas clean
- 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 cleaning chemicals and manual screen printing machines.

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