Assessment Requirements for ICPPRP372 Produce gravure cylinders electronically

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:

- prepare, set up and use an electronic engraving system to produce BOTH stylus and laser gravure cylinders, according to job specifications, and ensuring the cylinder is correctly etched to ensure quality reproduction, and meets print requirements
- find and use information relevant to the task from a variety of information sources
- transfer underlying skills of cylinder making across the pre-press sector (it is important the substrate for reproduction is identified and the quality of the cylinder is suitable for the identified printing processes).

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 work health and safety (WHS) concerns when engraving cylinders
- state production parameters that should exist on the job ticket
- calculate a change in screen angle
- identify screen line ratio for fine rulings
- describe specific features of the laser engraving process
- explain how the cutting stylus can affect print quality
- outline characteristics of the diamond stylus used for colour work
- explain techniques of deleting errors on the finished cylinder
- identify manuals, safety and other documentation relevant to this task, where they are kept, and information included in them.

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 Pre-Press field of work and include access to special purpose tools, equipment and industry software packages.

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

PwC's Skills for Australia