



Australian Government

Assessment Requirements for ICPPRN3310

Set up for basic lithographic printing

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:

- set up for two basic lithographic printing jobs according to manufacturer specifications and enterprise procedures.

In the course of the above the candidate must:

- demonstrate use of control, monitoring and data entry systems
- demonstrate all safety devices on the machine.

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:

- enterprise procedures, manufacturer specifications, and work health and safety (WHS) requirements for:
 - setting up and operating the machine, in-feed and transfer systems
 - webbing up the machine in reel systems
 - the rewind of the reel delivery system
 - handling inks and additives
- enterprise escalation procedures and required personnel, including those who pass colour prior to running the job and have final say in job approval
- job documentation or production control system, and procedures if vital information is missing
- checks required prior to set-up, including availability of materials
- register checks, and machine adjustments that may cause mis-register
- procedures and steps for:
 - identifying grip edge of the plate and printing side of material
 - determining sheet position before transportation to printing unit

- modifying ink that is light and adjusting ink colour and consistency
- determining cylinder (plate, blanket and impression) specifications for the job
- proof testing the machine
- effect on the job of:
 - printing plate cylinder being overpacked or not cleaned prior to plate fitting
 - incorrect web tension on the print and the rewind of the machine
 - side lay selection on the job
 - excessive jogging on the stack
 - an incorrectly set dampening system
- the purpose or function of:
 - nip rollers
 - using a two-sheet cut or setting sheet up in middle of the machine
 - slowdown devices in delivery
 - consistently tensioning plates
- plate installation, features assisting installation and actions or tools likely to damage the plate
- types of web splices required for the job
- machine's method of detecting missing or late sheets
- reasons for applying spray powder and effect of excessive use
- criteria to check in ink for job suitability and initial print prior to running
- environmental concerns and regulations concerning inks and additives
- ink profiles and their variance across the machine
- optimum ink duct sweep
- precautions for UV drying on the ink film
- methods to minimise waste during make ready
- adjustments required to position the image laterally and circumferentially
- 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 printing field of work and include access to:

- special purpose tools, equipment and materials
- lithographic 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>