



Australian Government

Assessment Requirements for ICPPRN3130

Set up for basic flexographic 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 a press on two occasions for basic flexographic printing, according to manufacturer specifications and enterprise procedures.

In the course of the above the candidate must:

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

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:
 - operating the sheet and reel in-feed and delivery systems
 - handling inks and additives
 - handling blades
 - setting up and operating the machine
- actions required if vital information is missing from the job ticket
- precautions and checks required:
 - to avoid damaging plates and cylinders
 - for materials availability prior to set up
 - to protect in-line processing from damage
 - for quality control of proof and initial print
- common issues arising with reel systems and correction methods, including:
 - low or excessive web tension
 - selecting printing side of the material

- when UV drying is used to dry the ink film
- types of web splices available for the job
- common issues arising with sheet systems and correction methods, including:
 - sheet positioning in the in-feed
 - selection of front and side lays
 - machine indications of missing sheets
 - required applications of spray powder
 - excessive jogging on the stack
- procedures for:
 - a register check
 - matching inks to jobs and modifying ink colour
 - required for print approval
 - determining machine specifications for particular jobs
 - minimising and handling waste
 - recording final results for future reference
- reasons for a two-sheet cut in most sheet system feeders
- slowdown devices and their uses in delivery
- effects on the job of ink viscosity
- enterprise personnel who pass colour prior to the job
- steps taken to ensure inking system is adjusted as required and the reasons for maintaining ink levels within a required range
- optimum make-ready-speed for the job
- basic in-line processes and the steps taken to incorporate them into the make-ready
- quality control measurements to apply to proof and initial print
- machine setting adjustments, the criteria determining their use, and processes to plot their success
- tests for scuffing and coefficient of friction and the circumstances requiring them
- leaching
- major environmental concerns with regard to inks and additives
- manufacturer manuals, enterprise procedures and work health and safety documentation, including their location and purpose.

Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry.

This includes access to:

- special purpose tools, equipment and materials
- a range of standard inks and substrates
- a variety of stack, in-line and central impression flexographic printing machines.

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>