



Australian Government

Assessment Requirements for ICPPRN3210 Set up for basic gravure 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 gravure printing according to manufacturer specifications and enterprise procedures.

In the course of the above the candidate must:

- 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 reel in-feed and delivery
 - the rewind of the machine delivery system
 - handling blades
 - handling inks and additives
- the job documentation or production control system, and the information it contains
- steps to take and procedures to follow:
 - if vital information is missing from the job ticket
 - to select the material printing side
 - to modify a slightly light ink to meet the needs of the job
 - to determine machine specifications for each job
 - to ensure ink levels in the inking system are maintained at the required level
 - to determine if inking system has been adjusted as required
 - to protect equipment used in in-line processing from damage during set-up
 - to incorporate in-line processes into the make ready

- to have the print approved
- to determine settings adjustments
- the effects of:
 - low web tension on the print
 - excessive web tension at the rewind of the machine
 - the ink being too viscose
- the materials required prior to set up
- the required cylinders for each job
- the key considerations when handling gravure cylinders
- parts of the unit requiring checks to ensure cylinder is installed as required
- different types of web-splices that could be used for the job
- the process of matching ink suitability to a job
- the environmental risks related to inks and additives and required legislation regarding their handling
- the available methods to check for correct ink colour
- enterprise personnel who pass the colour prior to running the job
- quality control measurements to apply to the proof to test against known standards
- items to check on the initial print prior to running
- the process used to plot success of the machine adjustment
- the method for recording final results for future reference
- 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
- gravure printing machine with in line units.

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>