



Australian Government

Assessment Requirements for ICPPRN222

Produce basic gravure printed product

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:

- safely operate a gravure press consistent with efficient routine production flow that maintains product quality standards; ensuring any production problems are rectified with minimum downtime
- correctly shutdown production process and clean and wash printing machine according to work health and safety (WHS) guidelines
- demonstrate use of control, monitoring and data entry systems
- find and use information relevant to the task from a variety of information sources
- produce TWO basic gravure printing jobs (if possible including at least one in-line process) according to job specifications and enterprise procedures.

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:

Reel transportation and delivery

- identify WHS concerns applicable to loading and handling heavy reels
- identify how to determine printing side of the substrate
- describe effect on the print of excessive tension on the unwinding reel
- identify implication if the web is not spliced correctly

Gravure printing operations

- identify how frequently product quality should be assessed
- identify appropriate action/s if print is filling in when printing
- describe effect of dirt under the doctor blade has on the print and the cylinder
- identify importance of oscillation of the doctor blade

- describe how to address a nick in the doctor blade
- identify appropriate action/s if ink in the duct is foaming
- describe how to identify signs of wear in the plate image area
- identify level ink should be maintained at

In-line processes

- identify WHS concerns for in-line component of the press
- identify how often in-line components of the job should be examined

Quality control and problem-solving

- identify what needs to be monitored to ensure quality
- identify precautions required to ensure the rewound product is of consistent, acceptable quality
- describe how to identify printed material below acceptable standard
- identify how to mark product deemed unacceptable by the operator
- identify the appropriate person to consult if the operator is unable to fix a problem with the print

Shut down and wash up the press

- identify dangers from solvents and solutions used to clean the inking system, plate and press
- identify methods used to ensure proper storage of plates following printing
- list parts of the machine to be thoroughly cleaned following the print run
- list components to be inspected for wear following the print run
- describe record keeping requirements important for following or repeat prints

Information sources

- identify relevant information sources (including machine manuals, safety documentation and other information) relevant to these tasks including where they are located and what they cover.

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:

- gravure printing machine with in-line processes
- industry software packages
- special purpose tools, equipment and materials

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>