



Australian Government

Assessment Requirements for ICPPRN232 Produce basic lithographic 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 lithographic printing press consistent with efficient routine production flow that maintains product quality standards; ensuring any production problems are rectified with minimum downtime
- correctly shutdown production and clean and/or wash printing machine according to work health and safety (WHS) guidelines
- use control, monitoring and data entry systems
- find and use information relevant to the task from a variety of information sources
- produce TWO basic lithographic 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:

For reel systems only

- identify WHS concerns applicable to loading and handling heavy reels
- describe effect on the print of excessive tension on the rewinding reel
- identify implications if web is not spliced correctly

For sheet systems only

- explain why sheets are fanned before loading into the press
- identify that the double sheet detector must be set and checked during the print run
- identify components that can be adjusted to ensure correct delivery
- describe effect of excessive suction on the slow-down wheels

Lithographic printing operations

- describe required action if non-image area of the print was scumming during printing
- identify causes of emulsification while printing on a lithographic printing press
- describe how to identify signs of wear in image area of the plate
- identify level the ink should be maintained at

In-line processes

- identify WHS concerns for in-line components of the press
- identify frequency in-line components of the job should be examined

Quality control and problem-solving

- identify precautions to ensure the rewound product is of consistent, acceptable quality
- describe how to identify material below acceptable standard
- identify how often product quality should be assessed
- identify how to mark product deemed unacceptable by the operator

Shutdown and wash press

- identify dangers of solvents and solutions used to clean the inking system, plates, cylinders and press
- describe effect of excessive gum on the plate image
- 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 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:

- a lithographic 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>

