



Australian Government

Assessment Requirements for ICPPRN472 Produce complex coated 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:

- complete THREE complex coating jobs (one spot coating, one overall coating and one fine detail, using three different coatings – one of which must be metallic, and include at least one in-line process) including:
- producing a complex coated product on either a reel- or sheet-fed machine ensuring an efficient production flow maintaining product quality standards
- anticipate and rectify production problems with minimum downtime
- shutdown and clean the 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.

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:

- outline what to do if vital information is missing from the job ticket
- outline checks to do prior to set up (availability of materials etc.)
- identify major WHS concerns of:
 - setting up the sheet or reel transportation system
 - coating

For reel systems only

- describe the effect:
 - on the print of excessive tension on the rewinding reel
 - if the web is not spliced correctly

- outline precautions to ensure the rewound product is of consistent, acceptable quality

For sheet systems only

- describe the effect of:
 - fanning sheets before loading into the press
 - anti-set off spray on finished job
- explain how to set and check the double sheet detector during the print run
- identify components that can be adjusted to ensure correct delivery in sheet systems
- identify printed material below acceptable standard
- outline what to do if the aqueous coating is smudging on the delivery section of the machine
- explain the effects of :
 - UV lamp on the UV coating
 - varying temperature and volume of hot and cold air knives
 - using IR radiation (including choice of medium or short wave lamps) on coatings
- identify the coating level to maintain in the pan
- explain dangers of solvents and solutions used to clean the coating system, plates, cylinders and press
- identify machine parts to be thoroughly cleaned following the coating of the job
- identify components to be inspected for wear following the print run
- identify records important for following or repeat prints
- identify key types of information in, and the location of, machine manuals, safety and other documentation relevant to this task.
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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
- print machine or a dedicated coating machine.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a74b7a0f-a253-47e3-8be0-5d426e24131d>