



Australian Government

Assessment Requirements for ICPPRP2680 Produce flexographic photopolymer plates

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 the unit, including evidence of the ability to:

- produce two flexographic plates with different characteristics.

In the course of the above, the candidate must:

- identify the substrate for reproduction and ensure plate quality is fit for the identified printing processes.

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:

- the effect flexographic ink has on selection of plate material
- quality control devices used in the exposure and development process
- computer-to-plate (CTP) processes and their differences with traditional film-to-plate
- industry-standard software and hardware for producing plates from digital inputs
- the effect of 'shoulder' on the printing process
- methods of overcoming 'orange peel effect'
- effects of chemicals used in detaching
- methods to counteract image elongation
- properties of poor plate processing and how to avoid it
- the criteria for plate proof evaluation
- the work health and safety (WHS) requirements for working with photopolymer plates and chemicals
- manuals, 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. Noise levels, production flow, interruptions and time variances must be typical of those experienced in the area of work.

This includes access to:

- flexographic printing plates
- photopolymer plate printers
- industry-standard software
- a drying oven.

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>