



Australian Government

Assessment Requirements for ICPPRN3870 Use colour management for production

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:

- produce three jobs with final product on varied media, including both print and digital platforms.

In the course of the above the candidate must:

- apply colour management system maintenance procedures according to enterprise procedures and job specifications.

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:

- work health and safety (WHS) risks and requirements for managing colour for digital production
- densitometric and spectrophotometric measurement
- International Colour Consortium (ICC) profiles, their use and the effects they can have on output
- device independent colour and profile connection spaces
- use of colour space conversions and rendering intents
- factors that influence selection of highlight and shadow aim points
- grey balance requirements in relation to colour correction and the process of determining them
- ink/toner light errors and the distinctions between 'ideal' and 'actual' inks/toners
- viewing light conditions and metamerism
- factors determining requirements for colour correction and the effect different stocks have on colour
- the effects different inks have on colour reproduction for proofing and final production, and the effect of dot gain on colour

- the type of press and printing process used for final output
- solutions to common problems of colour management
- the effects of using the wrong profile on output
- 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
- colour management systems.

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>