



Australian Government

Assessment Requirements for ICPPRN387 Use colour management for production

Release: 2

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Modification History

Release	Comments
Release 2	This version released with ICP Printing and Graphic Arts Training Package Version 2.0. Version created to correct typographical error
Release 1	This version first released with ICP Printing and Graphic Arts Training Package Version 1.0.

Performance Evidence

Evidence of the ability to:

- correctly produce THREE jobs with final product on varied media, including both print and digital platforms
- apply colour management system maintenance procedures according to enterprise procedures and job specifications.

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:

- identify work health and safety (WHS) issues related to managing colour for digital production
- define densitometric and spectrophotometric measurement
- define International Colour Consortium (ICC) profiles, their use and the effects they can have on output
- explain device independent colour and profile connection spaces
- outline use of colour space conversions and rendering intents
- describe factors that influence selection of highlight and shadow aim points
- explain grey balance requirements in relation to colour correction and the process of determining grey balance requirements
- describe ink/toner light errors – ‘ideal’ versus ‘actual’ inks/toners

- explain viewing light conditions and metamerism
- outline factors determining requirements for colour correction and how different stocks affect colour
- describe effects different inks have on colour reproduction for proofing and final production, and how dot gain affects colour
- identify type of press and what printing process is being used for final output
- describe solutions to common problems of colour management
- describe effects of using the wrong profile on output
- identify sources of information on colour management.

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.

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 guides are found in VETNet -

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