



Australian Government

Assessment Requirements for ICPPRN284

Use colour management systems

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:

- recognise variations and inconsistencies in colour representation across devices
- identify and use components of a colour management system
- select and convert images to appropriate colour modes
- select colour libraries that comply with specific job specifications
- locate 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:

- identify components of a colour management system and their application
- explain terminology associated with colour management
- identify standard lighting conditions for matching colour
- describe effects of different lighting conditions on monitors, proofing and printing
- explain measurement of light intensity and colour temperature
- identify differences between red, blue, green (RGB), cyan, magenta, yellow, black (CMYK), lab colour and spot colour
- list different rendering intents and their application
- describe under-colour removal (UCR) and grey component replacement (GCR) and the effect they have on an image
- explain different pantone libraries and their application
- identify work health and safety (WHS) issues to consider when managing colour for digital production.

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
- industry software packages used for colour management production.

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>