



Australian Government

Assessment Requirements for CPCCSG3003 Colour manage signs

Release: 1

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Modification History

Release 1.

This version first released with CPC Construction, Plumbing and Services Training Package Version 2.

Revised unit of competency. Replaces superseded non-equivalent CPCCSI2001A Use colour for signage.

Performance Evidence

A person who demonstrates competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit, and must accurately colour match three different digital signs using each of the following devices in the process:

- computer monitor
- digital press
- printer
- proofer
- scanner.

A different colour matching system should be used on each of the three signs, selected from:

- cyan, magenta, yellow and black (CMYK)
- pantone matching system (PMS)
- red, green and blue (RGB).

In doing the above work, the person must:

- accurately calibrate devices to be used in sign production workflow
- apply a colour matching system according to job requirements
- adjust colour and contrast to ensure legibility as appropriate to the task
- check and confirm colour consistency is achieved across each output device and rectify any fault in colour matching.

The person must then select three different colours from one of the digital signs and produce a colour match in paint for each colour.

Knowledge Evidence

A person demonstrating competency in this unit must demonstrate knowledge of:

- uses, applications and limitations of a range of colour matching systems used in the manufacture of signs, including:
 - black and white
 - CMYK
 - grey scale
 - PMS
 - RGB
- functionality and limitations of software used to apply and manage colour in the manufacture of signs
- principles of colour legibility and the use of contrast
- principles and application of colour harmony, including:
 - analogous
 - complementary
 - monochromatic
 - split complementary
- uses, principles and applications of colour theory in sign manufacture.

Assessment Conditions

Suitable assessment of performance requires:

- equipment:
 - computer with industry-recognised proprietary software appropriate to sign design, including calibration software
- materials:
 - appropriate to the digital output
- contingencies:
 - inconsistent colour reproduction across different output devices
 - recalibration of digital devices
- specifications:
 - client brief detailing job specifications
- relationship with client:
 - contact sufficient to confirm or clarify job requirements
- relationships with team members:
 - work may be undertaken with others
- timeframe:
 - according to job requirements.

Assessor requirements

As a minimum, assessors must satisfy the assessor requirements in the Standards for Registered Training Organisations (RTOs) current at the time of assessment.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>