



**Australian Government**

# **Assessment Requirements for CPCCSG3004 Print digital signs**

**Release: 1**

# Assessment Requirements for CPCCSG3004 Print digital signs

## 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 Replaces superseded non-equivalent CPCCSI2004A Produce digital signage and CPCCSI3016A Produce digital signage using advanced software applications.

## Performance Evidence

A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit, and must print three different signs from digital files on each of the following media:

- aluminium composite
- paper
- vinyl.

At least one sign must be produced using a flatbed printer and one sign using a roll to roll digital printer.

Laminate one of the finished signs, selecting laminate for the printed substrate according to type of printed media and job requirements and safely and effectively undertaking laminating processes.

In doing the above work, the person must:

- handle and use uncompressed file formats correctly in the digital printing process
- apply digital colour management principles when using software and output media
- correctly handle media used in the digital printing process
- select and set up appropriate printers for the task and conduct routine maintenance appropriate to the printer
- identify printing and laminating defects and rectify faults to ensure job requirements are met
- operate raster image processor (RIP) software in the printing process.

## Knowledge Evidence

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

- characteristics of different types of digital printing output devices, including:
  - flatbed printers
  - roll to roll printers

- ultraviolet (UV) printers
- types and characteristics of various digital printing products
- principles of colour theory and their application in printing digital signs
- range and application of different laminates
- techniques and process for laminating signs
- safety data sheets (SDS) relevant to the use of printing tools and equipment
- procedures for routine maintenance and cleaning of printers
- statutory and regulatory authority requirements, particularly those relating to:
  - removal of waste products
  - storage of chemicals
- terminology and use of abbreviations in the signs and graphics industry
- use and application of uncompressed file formats, including:
  - encapsulated post script (EPS)
  - portable document format (PDF)
  - RAW file
  - tagged image file format (TIFF).

## Assessment Conditions

Suitable assessment of performance requires:

- equipment:
  - laminating equipment appropriate to the task
  - printing equipment appropriate to the task
- materials:
  - electronic files prepared for printing
  - laminating film
  - printing media specified in performance evidence
- specifications:
  - job requirements
  - manufacturer specifications
- relationships with team members:
  - work may be conducted alone and in teams
- 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>