



**Australian Government**

# **CPCCSG3015 Produce airbrushed signs**

**Release: 1**

# CPCCSG3015 Produce airbrushed 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 Replaces superseded equivalent CPCCSI3015A Produce airbrushed signage.

## Application

This unit of competency specifies the outcomes required to select and apply air brushes, inks, paints and application techniques to produce various forms of airbrushed signs.

The unit supports sign manufacturers who use traditional painting and airbrushing techniques to achieve a visual style of signs.

No licensing, legislative, regulatory or certification requirements apply to this unit of competency at the time of endorsement.

## Pre-requisite Unit

Nil

## Competency Field

Signs and graphics

## Unit Sector

Construction

## Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions.

|   |                        |     |                                                                                                               |
|---|------------------------|-----|---------------------------------------------------------------------------------------------------------------|
| 1 | Plan and prepare work. | 1.1 | Job requirements are identified from drawings, specifications, instructions and client briefs, and confirmed. |
|   |                        | 1.2 | Sequence of tasks is determined and confirmed with                                                            |

- relevant personnel.
- 1.3 Colour is selected according to job requirements.
  - 1.4 Tools and equipment are selected to carry out tasks according to job requirements, checked for serviceability, and faults are rectified or reported before starting work.
  - 1.5 Surfaces are identified and prepared according to planned airbrush application.
  - 1.6 ***Health and safety requirements*** are identified and planned according to schedule of tasks.
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- 2 Apply masks.
    - 2.1 Adhesive masks are prepared and used according to job requirements.
    - 2.2 Hand-held templates are prepared and applied according to job requirements.
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- 3 Apply inks or paints using airbrush.
    - 3.1 Airbrush inks or paints are applied to surface using application techniques consistent with job requirements.
    - 3.2 Light and shade effects are applied using techniques suitable to the selected medium.
    - 3.3 Defects in application are identified and corrective action is taken.
    - 3.4 Airbrush work is finalised according to job specifications.
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- 4 Clean up and store equipment.
    - 4.1 Airbrush and associated components and accessories are dismantled, checked, cleaned and maintained according to manufacturer recommendations and environmental requirements.
    - 4.2 Airbrush inks, paints and solvents are stored safely according to manufacturer specifications and workplace requirements.
    - 4.3 Work area is cleaned and waste materials are removed according to statutory and regulatory authority requirements.

- 4.4 Other tools and equipment, including personal protective equipment (PPE) are cleaned, maintained and stored according to workplace requirements.

## Foundation Skills

This section describes the language, literacy, numeracy and employment skills essential to performance in this unit but not explicit in the performance criteria.

| Skill                         | Performance feature                                                                                                                                                                 |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Learning skills to:           | <ul style="list-style-type: none"><li>transfer key principles and techniques of airbrushing to new sign designs.</li></ul>                                                          |
| Numeracy skills to:           | <ul style="list-style-type: none"><li>calculate and apply scale to enlargements of sign designs.</li></ul>                                                                          |
| Oral communication skills to: | <ul style="list-style-type: none"><li>communicate clearly with client and others using verbal and non-verbal communication.</li></ul>                                               |
| Reading skills to:            | <ul style="list-style-type: none"><li>interpret a range of familiar workplace documentation, including drawings, specifications and instructions from clients and others.</li></ul> |
| Writing skills to:            | <ul style="list-style-type: none"><li>produce legible lettering using ink or paint and brushes.</li></ul>                                                                           |

## Range of Conditions

This section specifies work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included. Bold italicised wording, if used in the performance criteria, is detailed below.

|                                                            |                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b><i>Health and safety requirements</i></b> must include: | <ul style="list-style-type: none"><li>selection, correct fitting, and use of PPE prescribed under legislation, regulations and workplace policies and practices</li><li>emergency procedures, including:<ul style="list-style-type: none"><li>evacuation</li><li>first aid</li><li>location and use of fire-fighting equipment</li></ul></li></ul> |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

- hazard identification and risk control procedures
- safe operating procedures, including the conduct of operational risk assessment and treatments associated with:
  - lighting
  - restricted access barriers
  - use of safety data sheets (SDS)
  - use of tools and equipment
  - work site visitors and the public
  - working in proximity to others
- workplace environmental requirements.

## Unit Mapping Information

CPCCSI3015A Produce airbrushed signage

## Links

Companion Volume implementation guides are found in VETNet -

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

# Assessment Requirements for CPCCSG3015 Produce airbrushed signs

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## 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 produce two airbrushed signs as follows:

- one head and shoulders portrait of a person, measuring at least 600 x 900 mm, using at least six different colours, and demonstrating the use of texture, gradient and line work
- one graphic produced on a motor vehicle bonnet, including the use of at least six different colours, and demonstrating the use of adhesive masks to accurately produce edge definition.

In producing the above work, the person must:

- interpret specifications for preparing and applying various airbrush techniques
- select, set up and check airbrush equipment and accessories prior to use
- identify defects associated with airbrush application and take corrective action
- maintain, clean, dismantle and reassemble airbrush, components and accessories
- prepare and apply a variety of masks to use in conjunction with airbrush techniques
- apply airbrush techniques using a variety of freehand and masked techniques
- comply with relevant safety and environmental legislation, regulations and codes of practice applicable to workplace operations.

## Knowledge Evidence

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

- airbrushing terminology and use of abbreviations
- Australian standards applicable to airbrushing sign work, including AS 1319 Safety signs for the occupational environment
- characteristics and applications of different airbrushes used to airbrush signs, including:
  - single action
  - double action
  - internal mix

- external mix
- characteristics and applications of different paint types used to airbrush signs, including:
  - oil-based
  - water-based
- principles and techniques of producing airbrushed signs, including application of:
  - freehand techniques
  - geometric shapes
  - graphics
  - lettering
- purpose and application of safety data sheets (SDS) when producing airbrushed signs
- statutory and regulatory authority requirements relevant to airbrushing sign work, including those relating to removal of waste products
- techniques for producing airbrushed signs through the choice of relevant materials
- types of airbrushes, components and accessories used in airbrushed sign work
- work health and safety (WHS) requirements and safe work methods applicable to airbrushing.

## Assessment Conditions

Suitable assessment of performance requires:

- equipment:
  - air hose
  - air brushes, components and accessories
  - buckets
  - compressed air and leads
  - masks
  - measuring tapes and rules
  - paint pots
  - stencil knives
  - straight edges
- materials:
  - inks
  - masking materials
  - motor vehicle bonnet
  - paints
- specifications:
  - AS 1319 Safety signs for the occupational environment
  - SDS
- 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

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