



Australian Government

CPCCSI3015A Produce airbrushed signage

Release 1

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Modification History

Version	Comments
1	This version first released with CPC08 Construction, Plumbing and Services Integrated Framework Training Package Version 8.

Unit Descriptor

This unit of competency specifies the outcomes required to prepare and apply materials to produce various forms of airbrushed work.

Application of the Unit

This unit of competency supports the achievement of skills and knowledge required to apply airbrush techniques to prepared surfaces.

Licensing/Regulatory Information

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

Pre-Requisites

CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry
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Employability Skills Information

This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.

Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.

Elements and Performance Criteria

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|---|--|---|
| 1 | Plan and prepare work. | <p>1.1 Job requirements are identified from drawings, specifications, instructions and client briefs.</p> <p>1.2 Task sequence is planned according to <i>organisational requirements</i>.</p> <p>1.3 Colour is selected according to job requirements.</p> <p>1.4 <i>Tools, equipment</i> and <i>materials</i> are selected to carry out tasks consistent with job requirements.</p> <p>1.5 Substrates are identified and prepared according to planned airbrush application.</p> |
| 2 | Set up and test airbrush equipment. | <p>2.1 <i>Applications</i> of <i>different types of airbrushes</i> are considered and airbrush is selected for the job.</p> <p>2.2 <i>Components and accessories</i> for the selected airbrush are identified, selected and set up according to manufacturer recommendations and specifications.</p> <p>2.3 Function and security of fittings are checked before use according to manufacturer recommendations.</p> |
| 3 | Prepare and apply masks for use with airbrush. | <p>3.1 Masks are identified according to planned airbrush application.</p> <p>3.2 Adhesive masks are prepared and applied according to job requirements.</p> <p>3.3 Hand-held templates are prepared and applied according to job requirements.</p> |

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| 4 | Apply inks or paints using airbrush. | 4.1 | Airbrush inks or paints are applied to surface using application techniques consistent with job requirements. |
| | | 4.2 | Light and shade effects are applied to create visual realism using technique suitable to the selected medium. |
| | | 4.3 | Defects in application are identified and corrective action taken. |
| | | 4.4 | <i>Airbrush work</i> is finalised according to job specifications. |
| 5 | Clean up and store equipment. | 5.1 | Airbrush and associated components and accessories are dismantled, checked, cleaned and maintained according to manufacturer recommendations. |
| | | 5.2 | Airbrush inks, paints and solvents are stored safely according to manufacturer specifications and organisational requirements. |
| | | 5.3 | Work area is cleaned and waste materials are removed according to <i>statutory and regulatory authority requirements</i> . |
| | | 5.4 | Other tools and equipment, including personal protective equipment (PPE), are cleaned, maintained and stored. |

Required Skills and Knowledge

This section describes the skills and knowledge required for this unit.

Required skills

- language and literacy skills to:
 - communicate clearly and directly using verbal, non-verbal and written communication
 - interpret job requirements and instructions, including:
 - client specifications
 - drawings
 - manufacturer instructions
 - material safety data sheets (MSDS)
 - report faults
 - use questioning to identify and confirm requirements
- numeracy skills to calculate scaled enlargements
- planning and organising skills to:
 - sequence tasks
 - set out work
- problem-solving skills to:
 - recognise minor faults and problems and take action to rectify them
 - respond to workplace challenges and put ideas into action
 - select appropriate tools and equipment
- self-management skills to:
 - comply with work site environmental and sustainability frameworks or management systems
 - contribute to achievement of team goals
 - identify and follow organisational procedures
 - respond to change
- technical skills to:
 - 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
 - select, set up and check airbrush equipment and accessories prior to use

Required knowledge

- airbrush application principles, sequencing and techniques

- airbrushing terminology and definitions
- Australian and New Zealand standards applicable to airbrushing signage work
- materials relevant to airbrush work, including:
 - inks
 - paints
 - masks
 - masking materials
- statutory and regulatory authority requirements relevant to airbrushing signage work, including those relating to removal of waste products
- types of airbrushes, components and accessories used in airbrushed signage work
- work health and safety (WHS) requirements and safe work methods applicable to airbrushing

Evidence Guide

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

Critical aspects for assessment and evidence required to demonstrate competency in this unit

A person should demonstrate the ability to:

- comply with site safety and OHS legislation, regulations and codes of practice applicable to workplace operations
- interpret specifications for the preparation and application of various airbrush techniques
- apply airbrush using a variety of freehand and masked techniques
- use airbrushing tools, plant and equipment to produce airbrushed signage work that complies with organisational quality standards and client requirements.

Context of and specific resources for assessment

Assessment of this unit:

- must be in the context of the work environment
- may be conducted in an off-site context, provided it is realistic and sufficiently rigorous to cover all aspects of workplace performance, including task skills, task management skills, contingency management skills and job role environment skills
- must meet relevant compliance requirements.

Resource implications for assessment include:

- an induction procedure and requirement
- realistic tasks or simulated tasks covering the mandatory task requirements
- relevant specifications and work instructions
- tools and equipment appropriate to apply lines and scrolls
- support materials appropriate to activity
- workplace instructions relating to applying lines and scrolls
- MSDS
- research resources, including industry-related systems information.

Method of assessment

Assessment for this unit must verify the practical application of the required skills and knowledge, using one or more of the following methods:

- written and/or oral assessment of required knowledge
- observed, documented and/or first-hand testimonial evidence

of the candidate producing airbrushed signage work using a variety of techniques.

Guidance information for assessment

This unit could be assessed on its own or in combination with other units relevant to the job function.

Reasonable adjustments for people with disabilities must be made to assessment processes where required. This could include access to modified equipment and other physical resources, and the provision of appropriate assessment support.

Assessment processes and techniques should, as far as is practical, take into account the language, literacy and numeracy capacity of the candidate in relation to the competency being assessed.

Range Statement

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.

Organisational requirements include:

- quality assurance requirements:
 - applying Australian and international standards relevant to the sign industry, such as AS1319 Safety signs for the occupational environment
 - applying internal company quality assurance policy and risk-management strategies
 - determining and adhering to work specifications
 - checking quality of materials
 - correctly using and maintaining equipment
 - identifying equipment defects
- WHS is to be in line with state and territory legislation and regulations and project safety plan, and may include:
 - assessment of conditions and hazards
 - emergency procedures, including extinguishing fires, organisational first aid requirements, and evacuation
 - hazard control, including hazardous materials and substances
 - PPE prescribed under legislation, regulations and workplace policies and practices
 - safe operating procedures, including the conduct of

operational risk assessment and treatments associated with:

- concealed services (water, power and gas) and lighting
- restricted access barriers
- work site visitors and the public
- working in proximity to others
- use of MSDS
- use of tools and equipment
- workplace environmental requirements.

Tools and equipment
may include:

- airbrush inks
- air brush, and components and accessories
- buckets
- compressed air and leads
- measuring tapes and rules
- stencil knives
- straight edges.

Materials may include:

- airbrush inks
- mask and template mediums, such as:
 - acetate film
 - cardboard
 - frisk film
 - mask vinyl
 - masking tape
- paints, including:
 - oil-based
 - water-based.

Different types of airbrushes may include:

- single action
- double action
- internal mix
- external mix.

Components and accessories may include:

- air hose
- paint pot attachment.

Airbrush work may include:

- freehand techniques
- geometric shapes

- graphics
- lettering
- signage.

Statutory and regulatory authority requirements include:

- federal, state and local authorities administering Acts, regulations and codes of practice applicable to:
 - airbrush signage work
 - removal of waste products
 - storage of chemicals.

Unit Sector(s)

Competency field Signage

Unit sector Construction

Custom Content Section

Not applicable.