



Australian Government

CPCCSG3007 Paint lines and scrolls

Release: 1

CPCCSG3007 Paint lines and scrolls

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 Replaces superseded equivalent CPCCSI3007A Apply lines and scrolls.

Application

This unit of competency specifies the outcomes required to paint various forms of line and scroll work on specified and prepared surfaces.

Painted line and scroll work is a decorative art form applied to a variety of surfaces, including vehicle bodies, horse-drawn coaches, boats and glass gilding. Lines are painted to provide borders and to frame the sign. Application methods can include the use of freehand brushwork or rollers and spray techniques using masks and template guides.

The unit supports sign manufacturers using traditional paint and brush techniques.

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	1.1	Job requirements are identified from drawings,
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work.		specifications, and client or workplace instructions, confirmed, and applied to planning and preparation.
		1.2 Health and safety requirements are identified and applied to planning.
		1.3 Colour selection is determined consistent with job requirements and recorded for future reference.
		1.4 Tools, equipment and materials are selected to carry out tasks consistent with job requirements.
		1.5 Surfaces are identified and prepared according to planned material application and line work or scroll work application.
2	Set out design layout.	2.1 Shape and form of lines and scrolls are determined from copy.
		2.2 Line and scroll layout is set out using template guide where required.
		2.3 Errors in set out are identified and rectified before applying paint.
3	Apply painted lines and scrolls.	3.1 Paint appropriate to the surface is applied using relevant technique according to layout and job requirements.
		3.2 Line work and scroll work are painted accurately to setout and specified colours, and defects in application or technique are identified and rectified according to job requirements.
4	Clean up.	4.1 Worked surface and surrounding surface area are cleaned and waste materials removed according to workplace, statutory and regulatory authority requirements.
		4.2 Tools and equipment, including personal protective equipment, 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:	transfer key principles and techniques of painting lines and scrolls on different surfaces.
Numeracy skills to:	transfer measurements from drawings to paint lines or scroll work.
Oral communication skills to:	check and confirm requirements with clients and other relevant personnel.
Reading skills to:	read and interpret a range of workplace documentation, including drawings and specifications.
Writing skills to:	record colours used in painting lines and scrolls on prepared surfaces.

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.

<i>Health and safety requirements</i> must include:	- selection, correct fitting, and use of personal protective equipment (PPE) prescribed under legislation, regulations and workplace policies and practices - emergency procedures, including: - evacuation - first aid - location and use of firefighting equipment - hazard identification and risk control procedures - safe operating procedures, including the conduct of operational risk assessment and treatments associated with:
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- traffic control
- work site visitors and the public
- working at heights
- working in proximity to others
- use of tools and equipment
- workplace environmental requirements.

Tools and equipment

must include artist brushes and at least three of the following:

- dagger liners
- drafting equipment
- guides
- ladders
- lining fitches
- mahl sticks
- measuring tapes and rules
- planks
- pots
- quill liners
- scaffolding
- sign cutters
- stirrers
- straight edges
- templates.

Paint type must include one or more of the following:

- acrylic
- enamel
- water-based.

Unit Mapping Information

CPCCSI3007A Apply lines and scrolls

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 CPCCSG3007 Paint lines and scrolls

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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 paint three lines on a rendered brick wall, each line at least 1.5 metres in length and of the following thicknesses:

- 12 mm
- 25 mm
- 50 mm.

The person must also paint three different scrolls, each measuring at least 300 x 400 mm using three different colours. Each scroll must be painted onto a different surface selected from the following:

- fibreglass
- glass
- metal
- timber.

At least one scroll must involve the use of a template guide.

In producing the above work, the person must demonstrate each of the following line and scroll techniques:

- arrowed
- bull nosed
- curled
- square end
- tapered.
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Knowledge Evidence

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

- Australian standards relevant to painting lines and scrolls:
 - AS 1319 Safety signs for the occupational environment
 - AS 2311 General workmanship – painting
 - AS 2700 Colour standards for general purposes
- types, uses and maintenance requirements for brushes used in line and scroll work
- principles and techniques of colour selection in the design of line and scroll work
- purpose and application of the following when painting lines and scrolls:
 - paint, tools and equipment used when creating line and scroll work specified by client
 - safety data sheets (SDS)
 - safe work method statements (SWMS)
- statutory and regulatory authority requirements, particularly those relating to:
 - removal of waste products
 - storage of chemicals and materials
- techniques and methods for:
 - measuring and calculating material quantities required for painting lines and scrolls on prepared surfaces
 - setting out line and scroll work
- use of symbols, dimensions and terminology relating to line and scroll work
- terminology and use of abbreviations in the signs and graphics industry
- types and uses of drawings and layouts used for line and scroll work on surfaces.

Assessment Conditions

Suitable assessment of performance requires:

- equipment and tools:
 - as listed in the range of conditions
- materials:
 - paint
 - surfaces:
 - fibreglass
 - glass
 - metal
 - timber
- relationship with client:
 - sufficient to check and confirm job requirements
- specifications:
 - Australian standards specified in knowledge evidence
 - drawings
 - job specifications
 - SDS

- SWMS
- 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.

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