CPCCSG3009 Screen-print 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 Replaces superseded equivalent CPCCSI3009A Screen-print signage.

Application

This unit of competency specifies the outcomes required to screen-print signs.

The unit supports sign-writers who print directly on to materials, including fabric and paper, using screen-printing tools and 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 work.	1.1 Job requirements are identified from drawings, workplace instructions and client briefs, confirmed, and applied to planning and preparation.
	1.2 Screen-printing **tools and equipment** are selected, checked for serviceability, and faults are rectified or

reported before starting work.

	1.3	***Health and safety requirements*** are identified according to specified tasks and workplace operations and applied to planning.
	1.4	Materials to be screen-printed are selected and prepared for printing.
	1.5	Number of screens required is calculated and confirmed, and then applied to planning.
	1.6	Ink colours are selected, tested to match specification, and prepared for application.
2 Produce screen-printed sign.	2.1	Material for screen face is cut accurately to setout shape and design is reproduced to screen face.
	2.2	Stencils are prepared according to job requirements.
	2.3	Printing process is set up for operation with material and screen aligned to specification.
	2.4	Ink is applied and spread across screen, checked for even and consistent application, and reapplied as required.
	2.5	Screens are printed on to substrates to achieve accurate registration according to job specification.
	2.6	Screen-printed sign is checked for consistency and accuracy according to job requirements and defects are identified and rectified.
3 Clean up.	3.1	Finished sign and surrounding surface area are cleaned and waste materials removed according to statutory and regulatory authority requirements.
	3.2	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:	• transfer key principles and techniques of colour selection when working with different designs to be screen-printed.
Numeracy skills to:	• calculate and measure quantities of materials required to produce screen-printed signs.
Oral communication skills to:	• check and confirm job requirements with client and colleagues.
Reading skills to:	• read and interpret workplace documentation to clarify job requirements, including client brief and workplace instructions.

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.

Tools and equipment must include at least five of the following:	• drying rack • inks • kick leg • paints • palette knife • screen • screening table • squeegee • steel rule • stencil knife.
Health and safety requirements must include:	• selection, correct fitting, and use of 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:
  - lighting
  - use of machines
  - use of tools and equipment
- workplace environmental requirements.

Unit Mapping Information

CPCCSI3009A Screen-print signage

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad