CPCCSI2001A Use colour for signage

Release: 1

CPCCSI2001A Use colour for signage

Modification History

Not Applicable

Unit Descriptor

Unit descriptor   This unit of competency specifies the outcomes required to use colour for signage in a range of sign manufacture and installation activities.

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

Application of the Unit

Application of the unit   This unit of competency supports the achievement of skills using colour principles in a range of signage applications, and includes working with others and as a member of a team. It supports the needs of entrants to the signage industry.

Licensing/Regulatory Information

Refer to Unit Descriptor

Pre-Requisites

Prerequisite units

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

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Employability Skills Information

Employability skills   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

ELEMENT	PERFORMANCE CRITERIA
1. Apply colour matching systems.	1.1. Colour matching systems are identified.
	1.2. Attributes of different colour matching systems are identified and applied.
	1.3. Different colour matching systems are applied for specific functions.
2. Identify and apply the theory of colour to signage.	2.1. Principles of colour legibility and contrast are identified and applied to signage.
	2.2. Principles of *colour harmony* are identified and applied to signage.
	2.3. *Colour schemes* are identified and applied to signage.
3. Apply computer colour matching systems.	3.1. Colour matching by computer colour matching systems is applied to signage.

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

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

Required skills

Required skills for this unit are:

- ability to apply design concepts and principles of colour
- communication skills to:
  - determine requirements
  - enable clear and direct communication, using questioning to identify and confirm requirements, share information, listen and understand
  - follow instructions
  - read and interpret:
    - charts and hand drawings
    - design principles
    - job drawings
    - manufacturer specifications and instructions
    - organisational work specifications
    - requirements and instructions issued by authorised organisational or

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REQUIRED SKILLS AND KNOWLEDGE

external personnel

- report faults
- use and interpret non-verbal communication
- use language and concepts appropriate to cultural differences
- problem solving skills to recognise, and take action to rectify, minor faults and problems.

Required knowledge

Required knowledge for this unit is:

- job safety analysis (JSA) and safe work method statements
- material safety data sheets (MSDS)
- quality assurance requirements, including:
  - Australian and international standards relevant to the sign industry
  - internal company quality assurance policy and risk management strategies
  - workplace operations and procedures
- relevant Australian and New Zealand standards and:
  - manufacturer specifications
  - other applicable codes or standard operating procedures relevant to the sector
- terminology and definitions used in signage design.

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Evidence Guide

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.

Overview of assessment	This unit of competency could be assessed in the workplace or a close simulation of the workplace environment, provided that simulated or project-based assessment techniques fully replicate construction workplace conditions, materials, activities, responsibilities and procedures.
Critical aspects for assessment and evidence required to demonstrate competency in this unit	A person who demonstrates competency in this unit must be able to provide evidence of: • understanding and applying: • principles of colour • colour theory • colour matching • signage for visual impact • applying appropriate software in order to design and apply the principles of colour to signage.
Context of and specific resources for assessment	This competency is to be assessed using standard and authorised work practices, safety requirements and environmental constraints. Assessment of essential underpinning knowledge will usually be conducted in an off-site context. Assessment is to comply with relevant regulatory or Australian standards' 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 using colour for signage • support materials appropriate to activity • workplace instructions relating to using colour for signage • material safety data sheets • research resources, including industry-related

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EVIDENCE GUIDE

	systems information.
	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.
Method of assessment	Assessment methods must:
	• satisfy the endorsed Assessment Guidelines of the Construction, Plumbing and Services Training Package
	• include direct observation of tasks in real or simulated work conditions, with questioning to confirm the ability to consistently identify and correctly interpret the essential underpinning knowledge required for practical application
	• reinforce the integration of employability skills with workplace tasks and job roles
	• confirm that competency is verified and able to be transferred to other circumstances and environments.
	Validity and sufficiency of evidence requires that:
	• competency will need to be demonstrated over a period of time reflecting the scope of the role and the practical requirements of the workplace
	• where the assessment is part of a structured learning experience the evidence collected must relate to a number of performances assessed at different points in time and separated by further learning and practice, with a decision on competency only taken at the point when the assessor has complete confidence in the person's demonstrated ability and applied knowledge
	• all assessment that is part of a structured learning experience must include a combination of direct, indirect and supplementary evidence.
	Assessment processes and techniques should as far as is practical take into account the language, literacy and numeracy capacity of the candidate in

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EVIDENCE GUIDE

	relation to the competency being assessed.
	Supplementary evidence of competency may be obtained from relevant authenticated documentation from third parties, such as existing supervisors, team leaders or specialist training staff.

Range Statement

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.

1.1.	*Colour matching systems* include:	• black and white • cyan, magenta, yellow and black (CMYK) • grey scale • pantone matching system (PMS) • red, green and blue (RGB).
1.2.	*Colour harmony* includes:	• analogous • complementary • monochromatic • sp lit complementary.
1.3.	*Colour schemes* include:	• analogous • complementary • monochromatic • split complementary.

Unit Sector(s)

Unit sector   Construction

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Co-requisite units

Co-requisite units   Nil

Functional area

Functional area