



Australian Government

CPCCPD3025 Match specific paint colours

Release: 4

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Modification History

- Release 4 Updated reference to general construction induction training program.
- Release 3 This version first released with CPC Construction, Plumbing and Services Training Package Release 6.4.
Correction to Training Package title in the Modification History from CPC Property Services to CPC Construction, Plumbing and Services Training Package Release 1.
- Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.1.
Correction to unit mapping.
- Release 1 This version first released with CPC Property Services Training Package Release 5.0.
Supersedes and is equivalent to CPCCPD3025A Match specific paint colours.
Minor title change. Updated to meet to the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to colour-match new and existing painting finishes.

The unit includes matching of paint colour to a specified sample.

A person who has achieved this unit of competency would be expected to take responsibility for organising and completing these tasks with a high degree of self-direction.

Completion of the general construction induction training program specified by the model Code of Practice for Construction Work is required for any person who is to carry out construction work. Achievement of *CPCWHS1001 Prepare to work safely in the construction industry* meets this requirement.

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

Pre-requisite Unit

- CPCCWHS200 Apply WHS requirements, policies and procedures in the construction industry
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Unit Sector

Painting and Decorating

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe what needs to be done to demonstrate achievement of the element.

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|---------------------------------|---|
| 1 Plan and prepare. | 1.1 Review work instructions to interpret and match paint colour. |
| | 1.2 Plan all work to meet relevant requirements of work health and safety (WHS), Commonwealth and state or territory legislation, environmental plans and obligations, manufacturers' specifications, and workplace requirements. |
| | 1.3 Select tools and equipment, including personal protective equipment (PPE), check for serviceability and report any faults. |
| 2 Match paint colour to sample. | 2.1 From a provided colour sample, determine paint type and sheen level. |
| | 2.2 Select paint type, paint base and colourants for colour match. |
| | 2.3 Mix and match colour against sample and allow to dry. |
| | 2.4 Test dry paint to establish accuracy of match of colour, adjusting and repeating testing process as required. |
| | 2.5 Record details of colourants used to achieve the paint match. |
| 3 Clean up. | 3.1 Clear work area and check and maintain tools and equipment and clean with appropriate solvents without damage. |
| | 3.2 Dispose of water and solvents used in cleaning tools and equipment in an environmentally sustainable manner. |

- 3.3 Store tools, equipment and sealed unused materials to avoid spontaneous ignition.

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and equivalent to CPCCPD3025A Match specified paint colour.

Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>

Assessment Requirements for CPCCPD3025 Match specific paint colours

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Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by colour-matching a minimum of four previously-painted samples:

- two different solvent-based paints
- two different latex/acrylic paints.

The above samples must include:

- a minimum of two samples in-situ
- two different sheen levels
- use of a minimum of three colour tints in each colour to be matched.

All work must be performed to the standard required in the workplace and must meet the requirements of work health and safety (WHS), Commonwealth and state or territory legislation, manufacturers' specifications, and environmental plans and obligations.

Knowledge Evidence

To be competent in this unit, a candidate must demonstrate knowledge of:

- safety requirements relevant to interpreting and matching specified paint colours

- environmental requirements relevant to interpreting and matching specified paint colours
- colour principles related to monochromatic, complementary, split complementary, analogous and triadic colours
- colour theory related to primary, secondary, tertiary and intermediate colours
- tints, tones, pastels and shades and their effect in relation to colour
- use of paint colourants relevant to interpreting and matching specified paint colours
- use of tint bases relevant to interpreting and matching specified paint colours
- use of advancing and receding colour schemes relevant to interpreting and matching specified paint colours
- colours used in heritage painting or restoration
- effect, over time, of light on colours
- factors that affect the apparent colour of paint:
 - age and deterioration of painted sample if in-situ
 - colour and opacity of the paint
 - colour considerations regarding durability of colours in exterior locations
 - colour of drapes and other furnishings
 - colour of surface covered by paint
 - gloss level and paint type
 - lighting conditions for paint-matching
- types, characteristics, uses and limitations of tools and equipment:
 - hand-held spectrometers
 - colorant dispenser
 - mixing receptacles
 - paintbrushes
 - stirring implements
 - mechanical paint mixers (shakers)
- use of the colour wheel in paint-matching
- presentation of paint formulas
- quality requirements relevant to matching paint colours.

Assessment Conditions

Assessors must meet the requirements for assessors contained in the Standards for Registered Training Organisations.

This unit must be assessed:

- in the workplace or a close simulation of the workplace environment, provided that simulated or project-based assessment techniques replicate construction workplace conditions, materials, activities, responsibilities and procedures.
- using realistic tasks or simulated tasks, relevant specifications and work instructions, standard work practices, safety requirements and environmental constraints.

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