

### **Draft 0.1**

This is our work-in-progress update to CPCCCO3044 Apply decorative finishes to concrete:  
<https://training.gov.au/Training/Details/CPCCCO3044>.

We are working with industry experts to ensure the updated unit:

- meets current and anticipated industry needs
- complies with current Standards for Training Packages
- is written in clear understandable English.

Information on our training package review and development process is available here:

<http://www.artibus.com.au/project-stage>.

#### **Summary of changes from current endorsed unit:**

- code changed to comply with policy for NSSC endorsement required changes to units
- unit rewritten to respond to changes in industry practice/trends in specialist finishes
- elements and performance criteria redeveloped to remove specified tasks for each type of finish – techniques moved into knowledge and performance evidence
- knowledge simplified to remove duplication and add specificity, eg:
  - all safety and environmental requirements under WHS and environmental legislation and regulations
  - 'workplace requirements for applying decorative finishes to concrete, cleaning up, maintaining and storing materials, tools and equipment, quality and reporting problems'
  - new knowledge point "purpose of construction, contraction, control and expansion joints and methods for their installation"
- assessment conditions: standard wording changed and modified requirement for candidates

## Unit of Competency

### CPCCON3044 Apply decorative finishes to concrete

#### Modification history

Release	Comments
1	Supersedes and equivalent to CPCCCO3044A Carry out decorative finishes to concrete. Minor change to title. The unit of competency was updated to the Standards for Training Packages 2012. This version first released with CPC Construction, Plumbing and Services Training Package Version 4.0
2	Supersedes and non-equivalent to CPCCCO3044 Apply decorative finishes to concrete. This version first released with CPC Construction, Plumbing and Services Training Package Version 6.0.

#### Application

This unit of competency specifies the skills and knowledge required to apply decorative finishes to concrete surfaces providing a distinct feature face finish for areas such as driveways, patios and paths. Decorative finishes involve using specialist techniques such as stencilling, pattern paving/stamping, colours, exposed aggregate or polishing.

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.

Licensing, legislative, regulatory or certification requirements apply to this unit of competency in some states and territories. For further information, check with the relevant regulatory authority.

#### Prerequisite Unit

CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry

#### Unit Sector

Concreting

#### Elements and Performance Criteria

1. Plan and prepare to apply decorative finish to concrete.	1.1 Interpret specifications for applying decorative finish to concrete and clarify requirements with relevant persons. 1.2 Plan all work to comply with relevant legislation, regulations, standards, codes, work health and safety, environmental and workplace requirements. 1.3 Select and fit required personal protective equipment. 1.4 Inspect work site, assess hazards and apply risk controls, including required signage and barricades. 1.5 Select tools and equipment, check for serviceability and rectify or report any faults. 1.6 Calculate and acquire materials to meet task specifications and safely locate them ready for use. 1.7 Plan methods for applying decorative finish to meet design specifications and avoid stormwater contamination in accordance with regulatory requirements.
2. Carry out decorative finish techniques.	2.1 Prepare concrete in accordance with required finish and specifications.

	2.2 Prepare materials and equipment for required finish in accordance with specifications and workplace requirements. 2.3 Apply finish to concrete to create desired decorative effect in accordance with specifications. 2.4 Check finish against required quality standards and rectify any non-conformances. 2.5 Insert specified joints and/or sealant to surface in accordance with specifications.
3. Clean up.	3.1 Clear work area and dispose of, reuse or recycle materials in accordance with regulatory and workplace requirements. 3.2 Clean, check, maintain and store materials, tools and equipment in accordance with manufacturers' instructions, regulatory and workplace requirements.

### Foundation skills

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

### Unit Mapping Information

Supersedes and is non-equivalent to CPCCCO3044 Apply decorative finishes to concrete

### Links

Companion Volume Implementation Guide:

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>

## Assessment Requirements for CPCCON3044 Apply decorative finishes to concrete

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### Performance Evidence

To demonstrate competency, a candidate must meet the elements and performance criteria of this unit by applying a finish selected from the list below to a minimum of twenty square metres of concrete on two different occasions:

- coloured concrete
- exposed aggregate
- pattern paving/stamping
- polished concrete
- stencilling.

### Knowledge Evidence

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

- processes, techniques, equipment, tools and materials used to apply the following decorative finishes to concrete:
  - coloured concrete
  - exposed aggregate
  - pattern paving/stamping
  - polished concrete
  - stencilling
- purpose of construction, contraction, control and expansion joints and methods for their installation
- requirements of Australian Standards and the National Construction Code related to applying decorative finishes to concrete
- requirements of Commonwealth and state or territory work health and safety and environmental legislation and regulations relevant to applying decorative finishes to concrete:
  - hazard identification and risk control
  - hazardous material and waste disposal
  - job safety analyses
  - personal protective equipment
  - safety data sheets
  - safe work method statements
  - safety manuals and instructions for tools and equipment
  - signage and barricades

- wash-off and preventing contamination to drains and stormwater
- types of drawings and specifications used to interpret material quantities and requirements for applying decorative finishes to concrete
- workplace requirements for applying decorative finishes to concrete:
  - cleaning up
  - maintaining and storing materials, tools and equipment
  - quality
  - reporting problems.

### Assessment Conditions

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

Assessment must be conducted in the workplace or a simulated workplace using realistic conditions, materials, activities, responsibilities, procedures, safety requirements and environmental considerations.

Candidates must have access to documentation, specifications, concrete surfaces, materials, tools and equipment required to achieve the performance evidence.

### Links

Companion Volume Implementation Guide:

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