



Australian Government

CPCCON3044 Apply decorative finishes to concrete

Release: 2

CPCCON3044 Apply decorative finishes to concrete

Modification History

Release 2	Updated reference to general construction induction training program.
Release 1	This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0. Supersedes and is equivalent to CPCCCO3044 Apply decorative finishes to concrete.

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.

Completion of the general construction induction training program, specified in the Safe Work Australia model *Code of Practice: Construction Work*, is required by anyone carrying out construction work. Achievement of *CPCWHS1001 Prepare to work safely in the construction industry* meets this requirement.

Pre-requisite Unit

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

Unit Sector

Concreting

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 to | 1.1 Interpret specifications for applying decorative finish to |
|-----------------------|--|

apply decorative finish to concrete.		concrete and clarify requirements with relevant persons.
	1.2	Plan work tasks to comply with relevant legislation, regulations, standards, codes, work health and safety (WHS), environmental and workplace requirements.
	1.3	Select and fit required personal protective equipment (PPE).
	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 material quantities to meet task specifications and safely locate materials 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 manufacturer, 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 equivalent to CPCCCO3044 Apply decorative finishes to concrete.

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 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:

- compliance requirements of legislation, regulations and Australian Standards relevant to the application of decorative finishes to concrete:
 - environmental protection:
 - wash-off and preventing contamination to drains and stormwater
 - waste disposal
 - finish specifications
 - work health and safety (WHS)
- health risks associated with silica dust exposure
- 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:
 - doweling systems
 - installation methods
- types of drawings and specifications used to interpret material quantities and finish requirements
- workplace requirements for applying decorative finishes to concrete:
 - cleaning up the work area
 - maintaining and storing materials, tools and equipment
 - quality
 - reporting problems
 - safety requirements including personal protective equipment (PPE).

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

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