



Australian Government

CPCCWF3005 Install decorative tiling

Release: 3

CPCCWF3005 Install decorative tiling

Modification History

- Release 3 Updated reference to general construction induction training program.
- Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.1.
Knowledge Evidence formatted for clarity.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
Supersedes and equivalent to CPCCWF3005A Carry out decorative tiling.
Change to title. Updated to meet the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to locate and set out dimensions and plans for decorative tiling projects to form specific patterns.

It includes advanced setting out and installation of decorative and heritage tiles.

A person working at this level would be expected to take responsibility for organising and completing tasks assigned to them without close supervision.

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.

Licensing, legislative or certification requirements apply to this unit in some states and territories and users are advised to check with the relevant regulatory authority.

Pre-requisite Unit

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

Unit Sector

Wall and floor tiling

Elements and Performance Criteria

Elements describe the Performance criteria describe what needs to be done to

essential outcomes.	demonstrate achievement of the element.
1 Plan and prepare to install decorative tiling.	1.1 Read and interpret task work instructions and plan sequence of work. 1.2 Select and use personal protective equipment (PPE) as required for each stage of the task. 1.3 Plan all work to comply with laws and regulations, Australian Standards, work health and safety (WHS) and environmental requirements, manufacturers' specifications, workplace requirements, drawings and specifications. 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 report any faults. 1.6 Select materials required for task, calculate quantities, handle safely and prepare and position ready for use.
2 Form decorative design.	2.1 Inspect tiles to ensure conformance with the elements of the design, including colour, shape and geometry of the project. 2.2 Set out and lay out tiles to required shape and size for decorative design. 2.3 Cut tiles to complete the design set out. 2.4 Align tile joints, plumb and square, and position tiles.
3 Install tiles.	3.1 Prepare substrate surfaces. 3.2 Match and mix adhesive with tile and substrate material according to usage and climatic conditions. 3.3 Install tiles to designed set out. 3.4 Install and adjust border and/or decorative tiles to set out.
4 Grout tiles.	4.1 Clean and prepare joints to receive grout.

- 4.2 Mix and apply grout.
 - 4.3 Clean and polish tiles.
 - 4.4 Protect tiles from damage during remaining construction.
- 5 Clean up.
 - 5.1 Clear work area and dispose of, reuse or recycle materials.
 - 5.2 Clean, check, maintain and store plant, tools and equipment in accordance with manufacturers' recommendations.

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 CPCCWF3005A Carry out decorative tiling.

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 CPCCWF3005 Install decorative tiling

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Performance Evidence

To demonstrate competency, a candidate must satisfy all of the elements, performance criteria and foundation skills of this unit by selecting, setting out and installing:

- a minimum two square metres of decorative wall tiles and strips to a wall, finished to differing heights
- a minimum of 1.5 square metres of tessellated floor tiles, including a least two different sizes, and a surrounding decorative border to floor.

All work must be performed to the standard required in the workplace and must comply with Commonwealth and state/territory laws and regulations, Australian Standards, work health and safety (WHS) and environmental requirements, manufacturers' specifications and workplace requirements.

Knowledge Evidence

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

- elements of design reflecting architectural and historical periods
- types of decorative tiles and designs, including:
 - heritage/Federation
 - tessellated
 - encaustic
- compliance requirements of Australian Standards, and Heritage requirements for decorative tiling
- quality policies and standards for decorative tiling
- safety requirements for decorative tiling, including:

- job safety analyses and/or safe work method statements in accordance with Safe Work Australia *Code of Practice for Construction Work* or state/territory equivalent
- personal protective equipment (PPE)
- environmental requirements for decorative tiling
- types and uses of decorative tiling materials:
 - tiles and patterns
 - adhesives
 - grouting
 - substrates
- tiling material qualities:
 - characteristics
 - preparation requirements
 - techniques
 - applications
 - limitations
- design reproduction and application methods for decorative tiling
- types and uses of materials storage and environmentally friendly waste management for decorative tiling
- types and uses of plans, drawings and specifications for decorative tiling
- types and uses of tools and equipment for decorative tiling
- processes for the calculation of material requirements for decorative tiling
- tiling material qualities, characteristics, preparation requirements, techniques, applications and limitations:
 - adhesive types and classifications
 - grout types, including epoxy grout.

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 using realistic workplace conditions, materials, activities, responsibilities, procedures, safety requirements and environmental considerations.

Links

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