



Australian Government

CPCCF3008 Tile pools and spas

Release: 3

CPCCWF3008 Tile pools and spas

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 CPCCWF3008A Tile domestic pools and spas.
Change to title. Updated to meet the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to tile a pool or spa.

It includes setting out, tiling and finishing straight, curved and tapered pool or spa wall and floor surfaces.

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 tile pools and spas.	<table><tr><td>1.1</td><td>Read and interpret task work instructions and plan sequence of work.</td></tr><tr><td>1.2</td><td>Select and use personal protective equipment (PPE) as required for each stage of the task.</td></tr><tr><td>1.3</td><td>Plan all work to comply with laws and regulations, the National Construction Code (NCC), Australian Standards, work health and safety (WHS) and environmental requirements, manufacturers' specifications, workplace requirements, drawings and specifications.</td></tr><tr><td>1.4</td><td>Inspect work site, assess hazards and apply risk controls, including required signage and barricades.</td></tr><tr><td>1.5</td><td>Select tools and equipment, check for serviceability and report any faults.</td></tr><tr><td>1.6</td><td>Select materials required for task, calculate quantities, handle safely and prepare and position ready for use.</td></tr></table>	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, the National Construction Code (NCC), 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.
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2 Prepare substrate and pool or spa.	<table><tr><td>2.1</td><td>Prepare substrate for application of render and waterproofing system.</td></tr><tr><td>2.2</td><td>Apply render and or/screed to achieve smooth surface and enable specified set out.</td></tr><tr><td>2.3</td><td>Apply waterproofing system to manufacturer's instructions.</td></tr></table>	2.1	Prepare substrate for application of render and waterproofing system.	2.2	Apply render and or/screed to achieve smooth surface and enable specified set out.	2.3	Apply waterproofing system to manufacturer's instructions.						
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3 Set out and prepare for tiling.	<table><tr><td>3.1</td><td>Determine levels of pool or spa and set out to exact specifications.</td></tr><tr><td>3.2</td><td>Calculate pool or spa surface area and divide into sectional shapes involving whole tiles and cut tiles, considering sheet sizes of tiles and maintaining straight lines where possible.</td></tr><tr><td>3.3</td><td>Mark out cross-centre lines on pool or spa surface.</td></tr><tr><td>3.4</td><td>Set out curved surface to form regular shapes running down and through base.</td></tr></table>	3.1	Determine levels of pool or spa and set out to exact specifications.	3.2	Calculate pool or spa surface area and divide into sectional shapes involving whole tiles and cut tiles, considering sheet sizes of tiles and maintaining straight lines where possible.	3.3	Mark out cross-centre lines on pool or spa surface.	3.4	Set out curved surface to form regular shapes running down and through base.				
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- 3.5 Determine tile sizes and shapes and set out tapered sections in highly curved and concave areas, and cut tiles.
 - 3.6 Prepare specified adhesive to manufacturer's specifications.
- 4 Install tiles.
 - 4.1 Apply adhesive and lay tiles maintaining alignment to set out lines and surface of tiles.
 - 4.2 Install tiles in straight sections working with full tiles from the coping down, maintaining parallel to cross-centre lines and regular face alignment.
 - 4.3 Install tiles to pool surface, maintaining levels and curvature.
 - 4.4 Install tiles to tapered areas.
- 5 Grout tiles.
 - 5.1 Clean and prepare joints to receive grout.
 - 5.2 Mix and apply grout.
 - 5.3 Clean and polish tiles.
 - 5.4 Protect tiles from damage during remaining construction.
- 6 Clean up.
 - 6.1 Clear work area and dispose of, reuse or recycle materials.
 - 6.2 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 CPCCWF3008A Tile domestic pools and spas.

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 CPCCWF3008 Tile pools and spas

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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 tiling a minimum of a coved corner of a pool or spa with coping, extending a minimum 1 metre deep and 1 metre wide in all directions with the floor falling a minimum 1:60.

All work must be performed to the standard required in the workplace and comply with Commonwealth and state/territory laws and regulations, the National Construction Code (NCC), 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:

- the National Construction Code (NCC) and Australian Standards requirements for tiling pools and spas
- workplace quality policies and standards for tiling pools and spas
- safety requirements for tiling pools and spas, including:
 - job safety analyses and/or safe work method statements in accordance with Safe Work Australia *Code of Practice for Construction Work* or state and/or territory equivalent
 - safety data sheets (SDS)
 - personal protective equipment (PPE)
- environmental requirements relevant to tiling pools and spas
- types and uses of materials storage and environmentally friendly waste management
- types and uses of plans, drawings and specifications for tiling pools and spas
- types and uses of tools and equipment for tiling pools and spas

- types and uses of pool and spa tiling materials
- processes for the calculation of material requirements and set outs for tiling pools and spas
- techniques for tiling pools and spas
- processes for tiling curved and tapered surfaces
- compatible render/screed, waterproofing, adhesive and grout systems for tiling pools and spas.

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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