



Australian Government

CPCSPS4005 Install prefabricated fibreglass swimming pools

Release: 2

CPCSPS4005 Install prefabricated fibreglass swimming pools

Modification History

- Release 2 This version first released with CPC Construction, Plumbing and Services Training Package Release 8.0.
Amended Performance Criteria 1.6.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
New unit.

Application

This unit specifies the skills and knowledge required to install variously shaped in-ground prefabricated fibreglass swimming pools. It includes preparing for filtration and circulation systems and luminary bonding for equipment and lighting.

This unit applies to a range of contexts and reflects the role of those who are responsible for the installation process and the management of excavation and heavy lifting equipment to complete the installation of prefabricated fibreglass:

- private swimming pools
- public swimming pools, including:
 - hydrotherapy and therapeutic exercise pools
 - wading and receiving pools associated with water slides
 - wave pools.

This unit is suitable for those using specialised knowledge to complete routine and non-routine tasks, and their own judgement to deal with predictable and sometimes unpredictable problems.

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

Pre-requisite Unit

Nil.

Unit Sector

Swimming Pool and Spa Building

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 installation of prefabricated fibreglass swimming pool. | 1.1 Access, read and interpret relevant information from plans, specifications, codes and standards. |
| | 1.2 Interpret and apply work health and safety and environmental requirements. |
| | 1.3 Identify and confirm with client type and location of filtration and circulation system and lighting requirements. |
| | 1.4 Calculate and order materials and components. |
| | 1.5 Determine commencement date and schedule delivery of material and components and required plant and equipment. |
| | 1.6 Apply relevant WHS regulations and codes when locating and preparing for work near existing underground and overhead services. |
| | 1.7 Determine job priorities and sequence job tasks in consultation with others on site. |
| | 1.8 Select, fit and use personal protective equipment appropriate to activity. |
| 2 Install prefabricated fibreglass swimming pool. | 2.1 Set out and mark pool position, finish height and excavation depth. |
| | 2.2 Excavate to set out depth and side clearance, allowing for backfill. |
| | 2.3 Select and prepare base in accordance with soil classifications of site. |
| | 2.4 Confirm installation of circulation pipework to shell of swimming. |
| | 2.5 Confirm and implement requirements for managing traffic during pool installation. |
| | 2.6 Communicate with crane service provider to lift, position and set shell to the specified level. |

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| 3 | Clean up site. | 3.1 | Clear the work area and reuse, recycle or dispose of materials in accordance with workplace and environmental requirements. |
| | | 3.2 | Clean tools and equipment, check for serviceability, report any damage or faults and store and secure. |

Foundation Skills

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

Unit Mapping Information

No equivalent unit.

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 CPCSPS4005 Install prefabricated fibreglass swimming pools

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Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by installing one in-ground prefabricated fibreglass swimming pool.

Knowledge Evidence

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

- regulations, standards, codes and permits relevant to installation of prefabricated fibreglass swimming pools
- relevant sections of the National Construction Code (NCC)
- features of swimming pool project plans and specifications
- properties, applications and limitations of swimming pool materials, products and components
- processes and procedures for:
 - pool excavation
 - types of base preparations – screed and compact base, concrete slab
 - lifting, setting and levelling prefabricated fibreglass pools
 - connecting filtration and circulation systems
- licensing and competency requirements for installing swimming pool ancillary equipment
- operational and functional features of tools and equipment
- workplace safety:
 - hierarchy of control
 - temporary safety barriers and fences around pools
 - hazardous manual tasks
 - competency requirements for operating pumping equipment
- types, advantages and environmental efficiencies of swimming pool covers

- workplace and environmental requirements relating to waste disposal and clean up.

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 in a simulated workplace environment.

Candidates must have access to:

- regulations, standards and codes relevant to prefabricated fibreglass swimming pools
- relevant sections of the NCC
- project plans, specifications and manufacturer instructions
- workplace safety and environmental requirements.

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