



Australian Government

CPCSPS4008 Install above-ground swimming pool

Release: 1

CPCSPS4008 Install above-ground swimming pool

Modification History

- 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 above-ground swimming pools. It includes preparing level and sloping sites and ancillary equipment for connection.

This unit applies to a range of contexts and reflects the role of those who are responsible for installation processes involving excavation and base preparation for above-ground:

- 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.

- 1 Plan to install above-ground

- 1.1 Access, read and interpret relevant information from plans, specifications, codes and standards.

- swimming pool.
- 1.2 Interpret and apply work health and safety and environmental requirements.
 - 1.3 Confirm type and location of pool with client.
 - 1.4 Calculate and order base materials and filtration 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.
- 2 Prepare for pool installation.
- 2.1 Select, fit and use personal protective equipment appropriate for the activity.
 - 2.2 Select and check tools and equipment for serviceability.
 - 2.3 Set out and mark pool position and finish height.
 - 2.4 Remove grass and topsoil and excavate to the determined depth and level.
 - 2.5 Fill, spread, screed and compact base to specified level.
- 3 Assemble pool.
- 3.1 Determine starting point and prepare pool base and wall components.
 - 3.2 Assemble wall material following manufacturer instructions.
 - 3.3 Complete all fixtures and mask to protect internal lining.
 - 3.4 Install, without damage, internal pool liner in accordance with manufacturer instructions.
 - 3.5 Secure lining and finish pool capping.

- | | | | |
|---|-------------------------------|-----|---|
| 4 | Install recirculation system. | 4.1 | Measure, locate and fit skimmer and return. |
| | | 4.2 | Locate and install pump, plumbing pipes and filtration system accordance with specifications. |
| | | 4.3 | Fill pool and check pool and ancillary equipment for leaks. |
| 5 | Clean up site. | 5.1 | Clear the work area and reuse, recycle or dispose of materials in accordance with workplace and environmental requirements. |
| | | 5.2 | 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 CPCSPS4008 Install above-ground swimming pool

Modification History

- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
- New unit.

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by installing two above-ground swimming pools. The installations must involve:

- differently sized and shaped above-ground swimming pools
- the use of different prefabricated materials on each pool.

Knowledge Evidence

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

- regulations, standards and codes relevant to above-ground swimming pools and spas
- pool fencing requirements
- types and materials of pool covers
- relevant sections of the National Construction Code (NCC)
- manufacturer instructions for installing above-ground swimming pools
- properties, applications and limitations of swimming pool and spa fabrication materials, products and components
- processes, procedures and techniques for:
 - levelling pool and spa base
 - installing and assembling pools and spas
 - connecting filtration, recirculation, heating and lighting systems
- licensing and competency requirements for installing swimming pool and spa ancillary equipment
- operational and functional features of tools and equipment
- relevant sections of work health and safety (WHS) Acts and regulations
- workplace procedures and workplace safety:
 - hierarchy of control
 - hazardous manual tasks
 - temporary safety barriers and fences around pools
- 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 above-ground swimming pools and spas
- relevant sections of the NCC
- project plans, specifications and manufacturer instructions
- workplace safety and environmental requirements.

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>