



Australian Government

CPCSPS4003 Install swimming pool and spa subsoil drainage

Release: 1

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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 subsoil drainage to variously shaped in-ground swimming pools and spas. It includes preparing and installing the drainage during excavation.

This reflects the role of those who are responsible for diverting subsoil water away from the swimming pool and spa construction site. It applies to a range of contexts:

- 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 the sub-soil drainage.

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

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| | 1.2 | Interpret and apply work health and safety and environmental requirements. |
| | 1.3 | Locate existing underground services and avoid during excavation and construction works. |
| | 1.4 | Identify type, dimensions and area of subsoil drainage. |
| | 1.5 | Calculate and order materials. |
| | 1.6 | Determine commencement date and schedule delivery of material, components and required plant and equipment. |
| | 1.7 | Determine job priorities and sequence job tasks in consultation with others on site. |
| 2 | Prepare for and install subsoil drainage. | |
| | 2.1 | Set out position and depth of drainage. |
| | 2.2 | Select, fit and use personal protective equipment appropriate for the activity. |
| | 2.3 | Conduct a pre-operation check of plant and equipment. |
| | 2.4 | Excavate trench depth and width to set out position. |
| | 2.5 | Install and compact specified drainage material to determined levels. |
| | 2.6 | Install drainage pipework and backfill trenches. |
| 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>