



Australian Government

CPCSPS4004 Install swimming pool and spa circulation systems and components

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 pipework to swimming pool and spa circulation systems and components. It includes installing and connecting pool pipework to pumps, filtration and heating systems.

This unit applies to a range of contexts and reflects the role of those who are responsible for the installation process of pipework to above-ground and in-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 and prepare for	1.1 Access, read and interpret relevant information from
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| the installation of circulation systems and components. | 1.2 | plans, specifications, codes and standards. |
| | 1.2 | Interpret and apply work health and safety and environmental requirements. |
| | 1.3 | Obtain information to identify, locate and protect existing underground services prior to excavation. |
| | 1.4 | Calculate and order pipework, components and materials. |
| | 1.5 | Determine commencement date and schedule delivery of pipework, components and materials. |
| | 1.6 | Determine job priorities and sequence job tasks in consultation with others on site. |
| | 1.7 | Select and check tools and equipment for serviceability. |
| | 1.8 | Select, fit and use personal protective equipment appropriate for the activity. |
| 2 Install pipework for swimming pools and spas. | 2.1 | Confirm position of circulation equipment with relevant person. |
| | 2.2 | Excavate trenches for pipework to specified depth and level. |
| | 2.3 | Install pipework and components to specified fall. |
| | 2.4 | Test pipework for leaks and repair as necessary. |
| | 2.5 | Backfill and compact trenches to comply with relevant Australian Standards. |
| 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>