



Australian Government

Assessment Requirements for CPCSPS4002 Select, procure and store construction materials for swimming pool and spa projects

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Modification History

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| Release 2 | This version first released with CPC Construction, Plumbing and Services Training Package Release 5.1.

Minor edits to formatting. |
| Release 1 | This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

Supersedes and is equivalent to CPCCBC4050A Select, procure and store construction materials for swimming pools and spa projects. Recoded and updated to meet the Standards for Training Packages. |

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by selecting, procuring and organising the delivery and safe onsite storage for projects covering two of the following:

- one swimming pool
- one spa
- one swimming pool and spa.

Knowledge Evidence

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

- regulations, standards and codes relevant to concrete swimming pools and spas
- relevant sections of the National Construction Code (NCC)
- features of swimming pool and spa project plans and specifications
- pool fencing requirements
- properties, applications and limitations of swimming pool and spa materials, products and components
- workplace quality assurance systems
- processes, procedures and techniques for:
 - building swimming pools and spas
 - calculating concrete quantities
 - using digital devices to track, monitor and control concrete delivery
 - applying ‘shotcrete’
 - applying internal finishes to concrete swimming pools and spas

- type, nature and performance of concrete:
 - properties and uses of cement
 - principles of reinforced concrete using steel, wire, fibres
 - effects of impurities in concrete
 - causes of surface defects during concrete placement
 - compaction of concrete
 - detrimental effects on concrete of poor or no curing
- types of curing methods:
 - accelerated curing
 - continuously wetting concrete
 - impermeable membrane curing
- finishing processes and surface treatments for swimming pool and spa shell
- operational and functional features of tools and equipment
- relevant sections of work health and safety regulations
- workplace procedures and workplace safety:
 - hierarchy of control
 - hazardous manual tasks
 - hazardous chemicals
 - falls from heights
 - temporary safety barriers and fences around pools
 - competency requirements for operating pumping equipment
- 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 swimming pools and spas
- relevant sections of the NCC
- project plans, specifications and manufacturer instructions
- workplace policies and procedures for procuring and storing construction materials
- 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>