



Australian Government

CPPSPS3002 Perform basic swimming pool and spa measurements and calculations

Release: 1

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Modification History

Release 1.

Supersedes and is equivalent to CPPSPS3002A.

Unit of competency upgraded to reflect Standards for Training Packages 2012.

This version first released with CPP Property Services Training Package Version 6.0.

Application

This unit of competency specifies the skills and knowledge required to perform basic measurements and calculations in a range of workplace contexts.

It includes:

- planning for, performing and recording measurements
- performing calculations of quantity, area, volume, perimeter, dosing rates, flow rate and time
- interpreting graphical representations of mathematical information relating to swimming pools and spas.

It applies to swimming pool and spa technicians, and related industry professionals and specialists, with limited supervisory responsibilities who perform their duties alone or as members of a team.

No licensing, legislative, regulatory, or certification requirements apply to this unit of competency at the time of endorsement.

Pre-requisite Unit

Nil

Unit Sector

Swimming pool and spa servicing

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 to perform basic swimming pool	1.1 Review and clarify task to perform basic swimming pool and spa measurements and calculations. 1.2 Confirm measurement requirements and select method for

and spa measurements and calculations.	achieving required result. 1.3 Select measuring and calculating equipment and check for accuracy.
2. Perform basic swimming pool and spa measurements and calculations.	2.1 Obtain and check basic measurements using established work practices, measuring equipment and personal protective equipment (PPE) to ensure safety and security of self, others and property. 2.2 Record basic measurements using appropriate measurement units. 2.3 Convert measurement values into different measurement units. 2.4 Perform and check basic calculations using online or electronic calculators and record results. 2.5 Interpret results of basic calculations to solve problems relating to swimming pool and spa servicing. 2.6 Clean measuring equipment and materials, check for serviceability and calibrate and store. 2.7 Minimise environmental impact of basic measurement and calculation activities and dispose of waste following workplace procedures.
3. Interpret basic mathematical information.	3.1 Recognise and interpret information represented in graphs, symbols, diagrams and pictures to complete workplace tasks. 3.2 Review limitations and risks associated with using inaccurate basic swimming pool and spa measurements and calculations.

Foundation Skills

This section describes the language, literacy, numeracy and employment skills essential to performance in this unit but not explicit in the performance criteria:

- reading skills to:
 - interpret task documentation
 - interpret information in symbols, diagrams, pictures, packaging labels and safety data sheets (SDSs) e.g. for dosing rates
- writing skills to record swimming pool and spa measurements and results of basic calculations
- numeracy skills to perform basic measurements and calculations and to record quantities of chemicals
- oral communication skills to use questioning to identify and confirm requirements

- technology skills to use measurement equipment and online or electronic calculators.

Unit Mapping Information

Supersedes and is equivalent to CPPSPS3002A Perform basic swimming pool and spa measurements and calculations.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>