



Australian Government

Assessment Requirements for CPPSPS4006 Install, service and repair swimming pool and spa low voltage lighting systems

Release: 1

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Modification History

Release 1 This version first released with CPP Property Services Training Package Release 9.0.

Supersedes and is equivalent to CPPSPS4006A Install, service and repair low voltage swimming pool and spa lighting systems. Minor title change. Added in content from CPPSPS4011A Comply with regulatory requirements for swimming pool and spa servicing. Element 3 changed from Service to Maintain. Updated to meet the Standards for Training Packages.

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by:

- installing, servicing and testing a swimming pool or spa lighting system and a component in a minimum of two swimming pools and one spa
- applying technical knowledge and advanced diagnostic skills to identify and repair one lighting fault in a swimming pool and one lighting fault in a spa, in line with regulatory requirements.

Knowledge Evidence

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

- key requirements of relevant commonwealth, state or territory, and local government regulations and Australian standards related to swimming pool and spa servicing:
 - work health and safety
 - public health
 - dangerous goods
 - environment and waste disposal
 - Australian Competition and Consumer Commission product safety guidelines
 - electrical and plumbing regulations related to own work
- enterprise policies and procedures related to:
 - compliance with regulations
 - maintenance of knowledge of regulations
 - roles, responsibilities and limitations of own role
- work instructions:
 - site requirements, including access

- personal protective clothing and equipment requirements
- equipment and systems location information
- system information
- warranties and guarantees
- hazards and risks associated with swimming pool and spa lighting systems and underwater lighting systems
- swimming pool and spa low voltage lighting system:
 - common faults
 - components including power, transformer, light, light cable
 - maintenance, including multi-meter
 - operating principles of different lighting systems
 - procedures for replacement of bulbs and fuses
 - purpose of lighting system
 - types, operation and servicing of lighting systems:
 - fibre-optic
 - halogen
 - LED
 - retrofitting
- energy efficiency:
 - energy consumption of different lighting systems
 - energy ratings
 - ways of maximising energy efficiency of swimming pool and spa lighting systems.

Assessment Conditions

Assessors must meet the requirements for assessors contained in the Standards for Registered Training Organisations.

Assessment must be undertaken in the workplace or in a simulated workplace environment.

Candidates must be provided with:

- relevant manufacturer instructions, regulations, codes, standards and enterprise policies and procedures
- relevant tools and equipment, personal protection equipment (PPE)
- technical references with current information on swimming pool and spa lighting systems:
 - operating principles
 - components
 - faults and troubleshooting.

Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>

