



Australian Government

CPPSPS3001 Handle, transport and store swimming pool and spa chemicals safely

Release: 1

CPPSPS3001 Handle, transport and store swimming pool and spa chemicals safely

Modification History

Release 1.

Supersedes and is equivalent to CPPSPS3001A.

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 safely handle, transport and store swimming pool and spa chemicals.

It includes:

- assessing risks associated with different types of swimming pool and spa chemicals
- following legislative requirements for the safe handling, transport and storage of swimming pool and spa chemicals
- following emergency procedures for chemical spillages and leaks
- maintaining chemical storage areas and chemical inventories.

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.

Licensing, legislative, regulatory or certification requirements apply to this unit of competency in some states and territories. State and territory regulatory authorities should be consulted to confirm these requirements.

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 handle, transport and store	1.1 Review and clarify task to handle, transport and store swimming pool and spa chemicals safely, including types and amounts of chemicals to be transported.

swimming pool and spa chemicals safely.	1.2 Review information on situations in which swimming pool and spa chemicals may become hazardous. 1.3 Review work health and safety (WHS) requirements for the task in accordance with safety plans and policies, safety data sheets (SDSs), manufacturers' instructions, safety symbols and signs, government regulations and codes of practice in relation to the handling, transport and storage of swimming pool and spa chemicals. 1.4 Identify hazards, assess risks and determine and implement risk control measures when handling, transporting and storing swimming pool and spa chemicals. 1.5 Review and follow transport requirements. 1.6 Review environmental requirements for the task in accordance with environmental plans and legislative requirements. 1.7 Ensure that appropriate first aid and spill kits are ready and accessible for all stages of handling, transport and storage.
2. Safely handle and transport swimming pool and spa chemicals.	2.1 Carry out all work in accordance with task and legislative requirements. 2.2 Select and fit personal protective equipment (PPE). 2.3 Implement identified risk control measures to minimise risks involved in the handling and transport of swimming pool and spa chemicals. 2.4 Check that swimming pool and spa chemical containers are in sound condition for transport. 2.5 Select and handle required chemicals safely. 2.6 Respond to any chemical spills and leaks in accordance with manufacturers' instructions, WHS, environmental, legislative guidelines and emergency action plans. 2.7 Report transport incidents in accordance with workplace and legislative requirements.
3. Store equipment and chemicals.	3.1 Implement identified risk control measures to minimise risks involved in the storage of swimming pool and spa chemicals. 3.2 Store chemicals safely, in accordance with manufacturers' instructions, WHS requirements, and legislative guidelines. 3.3 Retain products in original containers with labels intact. 3.4 Repackage and label unused chemicals. 3.5 Dispose of unwanted and/or out-of-date chemicals and storage containers in accordance with manufacturers' instructions, WHS legislation, environmental legislation, and workplace

	requirements. 3.6 Store equipment, chemicals, and PPE safely and to allow ready-to-use access.
4. Record storage details of swimming pool and spa chemicals.	4.1 Calculate and record quantities of used and unused chemicals in chemical storage inventory. 4.2 Report storage incidents in accordance with workplace and legislative requirements.

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
 - understand written instructions, procedures and signs
 - access information in safety data sheets (SDSs), chemical container labels
 - interpret manufacturers' instructions and workplace requirements
- writing skills to report incidents and record chemical storage details
- numeracy skills to calculate and record quantities of chemicals
- oral communication skills to:
 - use questioning to identify and confirm requirements
 - report work site hazards.

Unit Mapping Information

Supersedes and is equivalent to CPPSPS3001A Handle, transport and store swimming pool and spa chemicals safely.

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for CPPSPS3001 Handle, transport and store swimming pool and spa chemicals safely

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Performance Evidence

To demonstrate competency in this unit, a person must demonstrate safe procedures when handling, transporting and storing swimming pool and spa chemicals safely on two different occasions.

In doing this, the person must meet the performance criteria for this unit.

Knowledge Evidence

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

- requirements of jurisdictional work health and safety and environmental legislation and regulations relating to handling, transporting and storing swimming pool and spa chemicals safely
- workplace requirements for undertaking all aspects of handling, transporting and storing swimming pool and spa chemicals, including:
 - workplace health and safety procedures
 - workplace emergency procedures
 - use of safety data sheets (SDSs)
 - safe handling of chemicals and equipment
 - interpreting work orders and reporting problems
- chemical handling, storage and disposal including:
 - chemical disposal principles
 - chemical safety principles and reasons and procedures for segregating chemicals
 - chemical storage requirements
 - purpose and types of chemical storage inventory and records systems
 - processes for calculating and recording quantities of used and unused chemicals in chemical storage inventory
- Commonwealth, state or territory legislation, and local government regulations impacting on the handling, transport and storage of swimming pool and spa chemicals relating to:
 - dangerous goods
 - environmental protection
 - health

- licensing requirements in relation to chemical transport and storage
- work health and safety (WHS)
- waste disposal
- handling, transport and storage requirements for different types of swimming pool and spa chemicals
- processes for clearing and cleaning up chemical spillages and leakages
- requirements for disposing of excess, unwanted and out-of-date swimming pool and spa chemicals
- requirements for disposing of used chemical containers
- types, uses and properties of swimming pool and spa chemicals, including:
 - algaecides
 - balancers
 - clarifiers and flocculants
 - oxidisers
 - sanitisers
 - specialised chemicals
 - water balancing chemicals
 - reactive properties of swimming pool and spa chemicals
 - situations in which chemicals may become hazardous
- reactive material hazards responses:
 - emergency action plans
 - firefighting
 - incident reporting procedures
 - risk triggers, including:
 - improper mixing
 - wetting
- risk control measures for:
 - chemicals, including safe chemical use principles and compliance with labels and instructions
 - dust prevention
 - fire prevention
 - keeping swimming pool and spa chemicals dry
 - adequate ventilation
- types and uses of PPE used in safe handling and transporting swimming pool and spa chemicals.

Assessment Conditions

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

Assessment of performance must be undertaken in the workplace or in a simulated workplace environment. Tasks are to be performed to the level of proficiency and within the time limits expected in a workplace.

Assessors are responsible for ensuring that the person demonstrating competency has access to:

- work site/s and specifications to handle and transport swimming pool and spa chemicals safely
- appropriate documents, SDSs, materials, tools, equipment and PPE currently used in industry
- requirements of appropriate sections of legislation and regulations
- relevant workplace policies and procedures.

Links

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