



**Australian Government**

# **AHCLSC309 Install water features**

**Release: 1**

## AHCLSC309 Install water features

### Modification History

Release Number	TP Version	Comments
1	AHCv1.0	Initial release

### Application

This unit of competency describes the skills and knowledge required to install water features. Water features may include waterfalls, ponds, waterways and fountains. They may be prefabricated as supplied by irrigation suppliers and garden centres or formed 'in situ'.

This unit applies to individuals who take responsibility for their own work and for the quality of the work of others. They use discretion and judgement in the selection, allocation and use of available resources. All work is carried out to comply with workplace procedures.

No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.

### Pre-requisite Unit

Nil.

### Unit Sector

Landscape (LSC)

### Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Plan and prepare work	1.1 Interpret plans and specifications 1.2 Check the quantity and quality of materials 1.3 Select tools and equipment and check for serviceability 1.4 Identify work health and safety hazards, assess risks and implement controls 1.5 Select and use personal protective equipment (PPE) 1.6 Identify the environmental implications of constructing water features

Element	Performance criteria
2. Set out and prepare the site	2.1 Locate services as specified 2.2 Determine the exact location and depth of excavations and mark out accordingly 2.3 Excavate site to the shape, depth and dimensions as marked out 2.4 Construct drainage systems as specified 2.5 Place and compact bedding material to the required finished levels 2.6 Sort and stockpile soil and waste material ready for removal, reuse or recycling
3. Install water feature and accessories	3.1 Install the waterproof membrane, prefabricated shell or formed 'in situ' feature as specified 3.2 Install all accessories to the feature as specified with consideration to safety issues 3.3 Fill the feature with water, test for leaks and repair accordingly 3.4 Treat water to remove or neutralise contaminants resulting from excavation and installation work
4. Check quality of work and clean-up site	4.1 Check any mechanical features and adjust to ensure correct operation 4.2 Clean debris from structure and site 4.3 Dispose of soil and waste material in an environmentally safe and sensitive manner 4.4 Clean, maintain and store tools and equipment 4.5 Inspect quality of finished works to ensure standard of the finished works is in accordance with drawings and specifications

## Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

## Range of Conditions

## Unit Mapping Information

This unit is equivalent to AHCLSC309A Install water features.

## Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>