



Australian Government

AHCLSC307 Implement a retaining wall project

Release: 1

AHCLSC307 Implement a retaining wall project

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 and construct a retaining wall.

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. Prepare for retaining wall project	1.1 Interpret plans and specifications 1.2 Identify equipment and material resource requirements according to the scope of the construction work 1.3 Identify workplace health and safety hazards, assess risks and implement controls 1.4 Identify and ameliorate environmental impacts of the proposed works 1.5 Select, use and maintain personal protective equipment (PPE) 1.6 Select tools and equipment and check for serviceability

Element	Performance criteria
	1.7 Organise delivery of materials to site according to workplace priorities
2. Mark out site for retaining wall	2.1 Erect site bunting and place safety signage 2.2 Locate services 2.3 Mark out the position of the retaining wall 2.4 Determine the location and depth of excavations from construction plans 2.5 Establish profiles to conform to the designated tolerances 2.6 Establish survey benchmarks
3. Construct retaining wall	3.1 Assemble or install retaining wall components in accordance to plans and specifications 3.2 Install appropriate drainage in accordance with plans and specifications 3.3 Use tools and equipment safely and in accordance with enterprise safe operating procedures and work health and safety requirements
4. Check quality of work and clean-up site	4.1 Inspect the quality of finished works to ensure the required standard has been achieved 4.2 Clean paved surfaces and dispose of all debris in an environmentally safe and sensitive manner 4.3 Clean, maintain and store tools and equipment

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 AHCLSC307A Implement a retaining wall project.

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for AHCLSC307 Implement a retaining wall project

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Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- read and interpret documentation associated with retaining wall projects
- calculate material and resource requirements
- establish survey benchmarks
- excavate and profile soil levels
- use tools and equipment to construct retaining wall projects

Knowledge Evidence

The candidate must demonstrate knowledge of:

- the principles and practices of retaining walls
- environmental impacts of landscape works
- landscape retaining wall materials and construction techniques
- legislative requirements and codes of practice affected by landscape works
- local council permit requirements for landscape works
- materials, equipment and machinery that may be required for the project
- methods and practices for maintaining and repairing retaining walls
- set out techniques
- work health and safety issues

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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