

Modification history

Release	Comments
Release 2	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 7.0.
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0.

AHCLSC307	Implement a retaining wall project
Application	<p>This unit of competency describes the skills and knowledge required to install and construct a retaining wall, including preparing for work, marking out and constructing retaining wall, checking and cleaning up site.</p> <p>This unit applies to individuals who implement a retaining wall project under broad direction, and 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.</p> <p>No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication.</p>
Prerequisite Unit	Nil
Unit Sector	Landscape (LSC)

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for retaining wall project	<p>1.1 Interpret plans and specifications</p> <p>1.2 Identify potential hazards and risks, and implement safe working practices to manage risks</p> <p>1.3 Identify equipment and material resource requirements according to the scope of the construction work</p> <p>1.3 Identify workplace health and safety hazards, assess risks and implement controls</p> <p>1.4 Select tools and equipment required to implement a retaining wall project and check for safe operationIdentify and ameliorate environmental impacts of the proposed works</p> <p>1.5 Identify and ameliorate environmental impacts of the proposed works Select, use and maintain personal protective equipment (PPE)</p> <p>1.6 Select, fit, use and maintain personal protective equipment (PPE) applicable to the taskSelect tools and equipment and check for serviceability</p> <p>1.7 Organise delivery of materials to site according to workplace priorities</p>
2. Set out and prepare the site Mark out site for retaining wall	<p>2.1 Erect site bunting and place safety signage</p> <p>2.2 Determine, locate and mark out services from site plan</p> <p>2.3 Mark out the position of the retaining wall</p> <p>2.4 Determine the location and depth of excavations from construction plans</p> <p>2.5 Establish profiles to conform to the designated tolerances</p> <p>2.6 Establish survey benchmarks</p>
3. Construct retaining wall	<p>3.1 Assemble or install retaining wall components in accordance to plans and specifications</p> <p>3.2 Install appropriate drainage in accordance with plans and specifications</p> <p>3.3 Use tools and equipment safely and in accordance with enterprise workplace safe operating procedures and workplace health and safety requirements</p>

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
4. Check quality of work and clean-up site	<p>4.1 Inspect the quality of finished works to ensure the required standard <u>of the finished retaining wall is in accordance with design drawings and specifications has been achieved</u></p> <p>4.2 Clean paved surfaces and dispose of <u>or recycle waste material from the site all debris in an environmentally safe and sensitive manner</u></p> <p>4.3 Clean, maintain and store tools and equipment</p> <p><u>4.4 Identify and report unserviceable tools and equipment according to workplace procedures</u></p>

Foundation Skills	
<i>This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.</i>	
Skill	Description
Oral communication	<ul style="list-style-type: none"> Use clear language to report tool and equipment unserviceability

Unit Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
AHCLSC307 Implement a retaining wall project Release 2	AHCLSC307 Implement a retaining wall project Release 1	Minor changes to application Minor changes to performance criteria Foundation skills added Assessment requirements updated	Equivalent

Links	Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72
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TITLE	Assessment requirements for AHCLSC307 Implement a retaining wall project
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Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.
 There must be evidence that the individual has [implemented a retaining wall project on at least one occasion and has:](#)

- [applied workplace health and safety requirements](#)
- [selected, used and maintained tools and equipment required for implementing a retaining wall project](#)
- [interpreted site plans and specifications](#)
- ~~[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](#)
- [checked quality of work and cleaned up site](#)
- [reported unserviceable tools and equipment.](#)

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- [workplace requirements applicable to health and safety in the workplace for implementing a retaining wall project, including appropriate use of personal protective equipment \(PPE\)](#)
- ~~the~~ principles and practices of retaining walls, [including:](#)
 - environmental impacts of landscape works
 - landscape retaining wall materials and construction techniques
 - legislative requirements and codes of practice [relevant to implementing a retaining wall project affected by landscape works](#)
 - local council permit requirements ~~for landscape works~~ [relevant to implementing a retaining wall project](#)
 - 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

Assessment of the skills in this unit of competency must take place under the following conditions:

- [physical conditions:](#)
 - [a workplace setting or an environment that accurately represent workplace conditions](#)
- [resources, equipment and materials:](#)
 - [workplace procedures applicable to implementing a retaining wall project](#)
 - [materials, tools and equipment applicable to implementing a retaining wall project](#)
 - [PPE applicable to implementing a retaining wall project](#)
- [specifications:](#)
 - [workplace requirements applicable to health and safety in the workplace for implementing a retaining wall project](#)
 - [site plans, design drawings and specifications applicable to implementing a retaining wall project](#)
 - [legislative requirements and codes of practice applicable to implementing a retaining wall project](#)
- [timeframes:](#)
 - [according to job requirements.](#)

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

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