



Australian Government

AHCLSC319 Implement a retaining wall project

Release: 1

AHCLSC319 Implement a retaining wall project

Modification History

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

Application

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, and checking and cleaning up site.

The 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.

State/territory licensing, legislative or certification requirements apply in some jurisdictions. Users are advised to check with the relevant regulatory authority.

Pre-requisite Unit

Nil

Unit Sector

Landscape (LSC)

Elements and Performance Criteria

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	1.1 Interpret plans and specifications 1.2 Check if council permits or permissions are required 1.3 Identify potential hazards and risks, and implement safe working practices to manage risks 1.4 Identify equipment and material resource requirements according to scope of construction work 1.5 Select tools and equipment required to implement a retaining wall

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	project and check for safe operation 1.6 Identify environmental impacts of proposed works and implement appropriate controls if required 1.7 Select, fit, use and maintain personal protective equipment (PPE) applicable to task 1.8 Organise delivery of materials to site according to workplace priorities
2. Set out and prepare the site	2.1 Erect site bunting and place safety signage 2.2 Determine, locate and mark out services from site plan 2.3 Mark out position of the retaining wall 2.4 Establish survey benchmarks 2.5 Determine location and depth of excavations from construction plans 2.6 Establish profiles to conform to designated tolerances
3. Construct retaining wall	3.1 Check relevant tool and equipment specifications to ensure they are used safely 3.2 Assemble or install retaining wall components according to plans and specifications 3.3 Install appropriate drainage in accordance with plans and specifications
4. Check quality of work and clean-up site	4.1 Inspect quality of finished works to ensure standard of finished retaining wall is in accordance with design drawings and specifications 4.2 Clean up site, removed unused material and dispose of or recycle waste material from site 4.3 Clean, maintain and store tools and equipment 4.4 Identify and report unserviceable tools and equipment according to workplace procedures

Foundation Skills

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.

Skill	Description
Oral communication	Use clear language and industry standard terminology to report tool and equipment unserviceability
Numeracy	- Calculate quantities of material, take measurements, interpret and use scale, interpret and calculate levels - Set out geometric shapes

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCLSC319 Implement a retaining wall project	AHCLSC307 Implement a retaining wall project	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>