



**Australian Government**

# **AHCLSC207 Construct low-profile timber or modular retaining walls**

**Release: 1**

# AHCLSC207 Construct low-profile timber or modular retaining walls

## 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 construct low-profile timber or modular retaining walls in landscape settings, including preparing for work, marking out site, preparing footings, installing wall components and cleaning up site.

The unit applies to individuals who construct low-profile timber or modular retaining walls under general supervision with limited autonomy or accountability.

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

## 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. Plan and prepare work                         | 1.1 Read work instructions relating to constructing the retaining wall and confirm with supervisor<br>1.2 Prepare and use tools and equipment according to supervisor instructions<br>1.3 Check and confirm quantity and quality of materials according to job plan requirements |

| <b>Elements</b>                                     | <b>Performance Criteria</b>   |
|---|---|
| <i>Elements describe the essential outcomes.</i>    | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>  |
|   | 1.4 Identify manual handling and workplace health and safety hazards, assess risks and report to supervisor<br>1.5 Select, fit, use and maintain personal protective equipment (PPE) applicable to the task<br>1.6 Locate and mark out services   |
| 2. Mark out site for retaining wall                 | 2.1 Mark out position of retaining wall according to site plan<br>2.2 Determine location and depth of excavations according to supervisor instructions<br>2.3 Establish profiles according to designated tolerances<br>2.4 Establish survey benchmarks  |
| 3. Prepare footings according to industry standards | 3.1 Excavate retaining wall foundations to required depth and dimensions according to site plans<br>3.2 Remove and stockpile soil and waste material to ensure a safe working area<br>3.3 Locate reinforcing or steps in excavated site and position accordingly<br>3.4 Position pegs to maintain levels of even depth and horizontal plane to the top of footings<br>3.5 Place, consolidate and finish footings to determined levels, to ensure coverage of reinforcement  |
| 4. Prepare and install retaining wall components    | 4.1 Prepare and lay out components for installation<br>4.2 Mark components to be cut to length and shape, and cut to requirements of profiles already established<br>4.3 Construct base layer of retaining wall to point above the top of drainage media and form weep holes where indicated<br>4.4 Install protective membrane as specified in site plan<br>4.5 Install drainage media and material as specified in site plan<br>4.6 Back-fill and compact fill material behind base of retaining wall<br>4.7 Construct retaining wall components to required dimensions, profiles and levels as specified on site plan<br>4.8 Set capping to top of retaining wall to specified levels with tolerance appropriate to style of capping |

| <b>Elements</b>                                  | <b>Performance Criteria</b>   |
|--|---|
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| 5. Clean up site and store tools and equipment   | 5.1 Dispose of or recycle soil and waste material from site<br>5.2 Store and stack unused construction materials for future re-use<br>5.3 Clean, maintain and store tools and equipment<br>5.4 Report work outcomes and malfunctions, faults, wear or damage of tools to supervisor |

## 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.*

| <b>Skill</b>       | <b>Description</b>  |
|--------------------|---|
| Oral communication | <ul style="list-style-type: none"> <li>Use clear language and standard industry terminology to report malfunctions, faults, wear or damage to tools</li> <li>Participate in verbal exchanges to respond to questions and clarify information</li> </ul> |

## Unit Mapping Information

| <b>Code and title current version</b>                                | <b>Code and title previous version</b>                               | <b>Comments</b>   | <b>Equivalence status</b> |
|--|--|---|---------------------------|
| AHCLSC207<br>Construct low-profile timber or modular retaining walls | AHCLSC202<br>Construct low-profile timber or modular retaining walls | Minor changes to application<br>Minor changes to performance criteria<br>Foundation skills added<br>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>