



Australian Government

AHCLSC312 Construct brick and block structures and features

Release: 1

AHCLSC312 Construct brick and block structures and features

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 brick structures and features or block structures and features, or both as a component of landscape project works, including preparing for work, setting out and preparing site, constructing structure or feature, checking and cleaning up site.

The unit applies to individuals who construct brick and block structures and features 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

AHCLSC317 Construct landscape features using concrete

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 Interpret site plans and specifications 1.2 Identify potential hazards and risks, and implement safe working practices to manage risks 1.3 Check the quantity and quality of materials 1.4 Select tools, equipment and machinery required for construction

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	work and check for safe operation 1.5 Select, fit, use and maintain personal protective equipment (PPE) applicable to the task 1.6 Implement suitable control strategies for environmental problems relating to brick and block construction work
2. Set out and prepare the site	2.1 Determine, locate and mark out services from site plan where applicable 2.2 Mark out position of structure or feature according to site plans 2.3 Establish profiles to conform to nominated tolerances
3. Construct structure or feature	3.1 Mix mortar to determined ratio and add bonding, colouring agents and other appropriate admixes if required in accordance with specifications 3.2 Lay damp proofing if required 3.3 Establish base course of brick or block work to achieve final level heights 3.4 Lay courses of brick or block work using designated bonds in a manner that will ensure viability and stability of structure 3.5 Cut bricks or blocks using mechanical and hand cut method 3.6 Apply finishes to brick or block work 3.7 Apply waterproofing according to site plans and specifications 3.8 Install drainage systems according to site plans and specifications
4. Check quality of work and clean-up site	4.1 Inspect quality of finished works to ensure standard of finished structure or feature has been achieved 4.2 Clean down brick or block work surfaces in an environmentally safe and sensitive manner 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, read and use tape measures and scale rulers - Set out right angles using 3:4:5 method

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCLSC312 Construct brick and block structures and features	AHCLSC303 Construct brick and block structures and features	Minor changes to application Added prerequisite unit Minor changes to performance criteria Foundation skills added Assessment requirements updated	Not equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>