

## Modification history

Release	Comments
<a href="#">Release 2</a>	<a href="#">This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 7.0.</a>
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0.

AHCLSC303	Construct brick and block structures and features
<b>Application</b>	<p>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 a landscaping project <a href="#">works, including preparing for work, setting out and preparing site, constructing structure or feature, checking and cleaning up site.</a></p> <p>This unit applies to individuals who <a href="#">construct brick and block structures and features under broad direction, and</a> take responsibility for their own work and for the quality of the work of others. <del>They use discretion and judgement in the selection, allocation and use of available resources. All work is carried out to comply with workplace procedures.</del></p> <p>No <del>occupational</del> licensing, legislative or certification requirements <del>are known to</del> apply to this unit at the time of publication.</p>
<b>Prerequisite Unit</b>	Nil
<b>Unit Sector</b>	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. Plan and prepare work	<p>1.1 Interpret <a href="#">site</a> plans and specifications</p> <p>1.2 <a href="#">Identify potential hazards and risks, and implement safe working practices to manage risks</a></p> <p>1.3 Check the quantity and quality of materials</p> <p>1.4 <del>Select tools and equipment</del> <a href="#">required for construction work</a> and check for <del>serviceability</del> <a href="#">safe operation</a></p> <p>1.4 <del>Identify hazards, assess risks and implement controls accordingly</del></p> <p>1.5 <a href="#">Select, fit, use and maintain personal protective equipment (PPE) applicable to the task</a> <del>Identify and ameliorate the potential environmental impacts of proposed brick and block construction works</del></p> <p>1.6 <a href="#">Identify and ameliorate the potential environmental impacts of proposed brick and block construction works</a> <del>Select and use suitable personal protective equipment (PPE)</del></p>
2. Set out and prepare the site	<p>2.1 Determine, <del>and</del> <a href="#">locate and mark out</a> services <a href="#">from site plan</a></p> <p>2.2 Mark out the position of the structure or feature according to site plans</p> <p>2.3 Establish profiles to conform to the nominated tolerances</p> <p>2.4 Prepare subsoil by removing all debris, vegetable matter and topsoil to provide a solid foundation for construction</p> <p>2.5 Install drainage systems according to site plans and specifications</p> <p>2.6 Place and compact sub-base to material the required finished levels</p>
3. Construct structure or feature	<p>3.1 Mix mortar to determined ratio and add bonding and colouring agents and other appropriate admixes, in accordance with specifications</p> <p>3.2 Lay damp proofing and base course of brick or block work</p> <p>3.3 Lay courses of brick or block work using designated bond(s) in a manner that will ensure the viability and stability of the structure</p> <p>3.4 Apply finishes to brick or block work</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	4.1 Inspect the quality of finished works to ensure the standard of the 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, <u>maintain and store</u> <del>and maintain all</del> tools and equipment 4.4 <u>Identify and report unserviceable tools and equipment according to workplace procedures</u>

<b>Foundation Skills</b>	
<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>	
<b>Skill</b>	<b>Description</b>
<a href="#">Oral communication</a>	<ul style="list-style-type: none"> <li>Use clear language to report tool and equipment unserviceability</li> </ul>

<b>Unit Mapping Information</b>			
<b>Code and title current version</b>	<b>Code and title previous version</b>	<b>Comments</b>	<b>Equivalence status</b>
<a href="#">AHCLSC303 Construct brick and block structures and features Release 2</a>	<a href="#">AHCLSC303 Construct brick and block structures and features Release 1</a>	<a href="#">Minor changes to application</a> <a href="#">Minor changes to performance criteria</a> <a href="#">Foundation skills added</a> <a href="#">Assessment requirements updated</a>	Equivalent

<b>Links</b>	Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72">https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72</a>
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<b>TITLE</b>	<b>Assessment requirements for AHCLSC303 Construct brick and block structures and features</b>
<b>Performance Evidence</b>	
<p>An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.                  There must be evidence that the individual has <u>constructed brick and block structures and features on at least two occasions and has:</u></p> <ul style="list-style-type: none"> <li>• <u>applied workplace health and safety requirements</u></li> <li>• <u>selected, used and maintained tools and equipment required for constructing brick and block structures and features</u></li> <li>• <u>interpreted</u> site plans and specifications</li> <li>• <u>measured</u> and <u>constructed</u> profiles using mathematical techniques</li> <li>• <u>constructed</u> brick or block structure or feature</li> <li>• <u>established</u> levels using levelling equipment</li> <li>• <u>checked</u> quality of work and <u>cleaned up</u> of-site</li> <li>• <u>reported unserviceable tools and equipment.</u></li> </ul>	
<b>Knowledge Evidence</b>	
<p>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:</p> <ul style="list-style-type: none"> <li>• <u>workplace requirements applicable to health and safety in the workplace for constructing brick and block structures and features, including appropriate use of personal protective equipment (PPE)</u></li> <li>• principles and practices of brick and block construction, <u>including:</u> <ul style="list-style-type: none"> <li>• components of mortar, including bonding and colouring agents</li> <li>• environmental impacts of bricks and block construction works.</li> </ul> </li> </ul>	
<b>Assessment Conditions</b>	
<p>Assessment of the skills in this unit of competency must take place under the following conditions:</p> <ul style="list-style-type: none"> <li>• physical conditions:</li> <li>• <u>a workplace setting or an environment that accurately represent workplace conditions</u></li> <li>• resources, equipment and materials:                     <ul style="list-style-type: none"> <li>• <u>workplace procedures applicable to constructing brick and block structures and features</u></li> <li>• <u>materials, tools and equipment applicable to constructing brick and block structures and features</u></li> <li>• <u>PPE applicable to constructing brick and block structures and features</u></li> </ul> </li> <li>• specifications:                     <ul style="list-style-type: none"> <li>• <u>workplace requirements applicable to health and safety in the workplace for constructing brick and block structures and features</u></li> <li>• <u>site plans and specifications applicable to constructing brick and block structures and features</u></li> </ul> </li> <li>• timeframes:                     <ul style="list-style-type: none"> <li>• <u>according to job requirements.</u></li> </ul> </li> </ul> <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	
<b>Links</b>	Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72">https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72</a>