



Australian Government

AHCLSC303 Construct brick and block structures and features

Release: 1

AHCLSC303 Construct brick and block structures and features

Modification History

Release Number	TP Version	Comments
1	AHCv1.0	Initial release

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 a landscaping project.

This unit applies to individuals who 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.

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

Pre-requisite Unit

Nil.

Unit Sector

Landscape (LSC)

Elements and Performance Criteria

Element	Performance criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Plan and prepare work	1.1 Interpret plans and specifications 1.2 Check the quantity and quality of materials 1.3 Select tools and equipment and check for serviceability 1.4 Identify hazards, assess risks and implement controls accordingly 1.5 Identify and ameliorate the potential environmental impacts of proposed brick and block construction works 1.6 Select and use suitable personal protective equipment (PPE)

Element	Performance criteria
2. Set out and prepare the site	2.1 Determine and locate services 2.2 Mark out the position of the structure or feature according to site plans 2.3 Establish profiles to conform to the nominated tolerances 2.4 Prepare subsoil by removing all debris, vegetable matter and topsoil to provide a solid foundation for construction 2.5 Install drainage systems according to site plans and specifications 2.6 Place and compact sub-base to material the required finished levels
3. Construct structure or feature	3.1 Mix mortar to determined ratio and add bonding and colouring agents and other appropriate admixes, in accordance with specifications 3.2 Lay damp proofing and base course of brick or block work 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 3.4 Apply finishes to brick or block work
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, store and maintain all tools and equipment

Foundation Skills

Foundation Skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Unit Mapping Information

This unit is equivalent to AHCLSC303A Construct brick and block structures and features.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCLSC303 Construct brick and block structures and features

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Performance Evidence

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- interpret site plans and specifications
- measure and construct profiles using mathematical techniques
- construct brick or block structure or feature
- establish levels using levelling equipment
- check quality of work and cleaning up of site

Knowledge Evidence

The candidate must demonstrate knowledge of:

- principles and practices of brick and block construction
- components of mortar, including bonding and colouring agents
- environmental impacts of bricks and block construction works

Assessment Conditions

Assessors must satisfy current standards for RTOs.

Links

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