



Australian Government

Department of Education, Employment and Workplace Relations

AHCLSC303A Construct brick and/or block structures and features

Release: 1

AHCLSC303A Construct brick and/or block structures and features

Modification History

Not Applicable

Unit Descriptor

Unit descriptor	This unit covers the process of constructing brick and/or block structures and features and defines the standard required to: interpret site plans and specifications; set out and prepare a landscape construction site; construct landscape structures; check quality of work and clean up site.
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Application of the Unit

Application of the unit	This unit applies to constructing brick and/or block structures and features as a component of landscape project works.
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Licensing/Regulatory Information

Not Applicable

Pre-Requisites

Prerequisite units		

Employability Skills Information

Employability skills	This unit contains employability skills.
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Elements and Performance Criteria Pre-Content

Not Applicable

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA

ELEMENT	PERFORMANCE CRITERIA
1. Plan and prepare work	1.1.Plans and specifications are interpreted and clarified with the supervisor. 1.2.The quantity and quality of materials are checked to ensure they conform to design drawings and specifications. 1.3.Tools and equipment are selected and checked for serviceability according to enterprise guidelines. 1.4.Occupational Health and Safety (OHS) hazards are identified, risks assessed and controls implemented. 1.5.Environmental implications of erecting brick and/or block structures are identified and reported to the supervisor.
2. Set out and prepare the site	2.1.Services are determined and located from site plans. 2.2.The position of the structure or feature is marked out according to design drawings and specifications. 2.3.Profiles are established to conform to the tolerances nominated within the design drawings and specifications. 2.4.Subsoil is prepared by removing all debris, vegetable matter and topsoil to provide a solid foundation for construction. 2.5.Drainage systems are installed according to design drawings and specifications. 2.6.Sub-base material is placed and compacted to the required finished levels.
3. Construct structure or feature	3.1.Mortar is mixed to determined ratio and appropriate admixes including bonding and colouring agents are added, as required, and in accordance with specifications. 3.2.Damp proofing and base course of brick and/or block work is laid according to design drawings and specifications. 3.3.Courses of brick and/or block work are laid using designated bond(s) in a manner that will ensure the viability and stability of the structure, and according to design drawings and specifications. 3.4.Finishes are applied to brick or block work in accordance with specifications.
4. Check quality of work and clean up site	4.1.Quality of finished works is inspected to ensure the standard of the finished structure or feature is in accordance with design drawings and specifications. 4.2.Brick and/or block work surfaces are cleaned down

ELEMENT	PERFORMANCE CRITERIA
	in an environmentally safe and sensitive manner. 4.3. Tools and equipment are cleaned and stored according to enterprise guidelines.

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

Required skills

- measure and construct profiles using mathematical techniques
- use of levelling equipment
- use literacy skills to read, interpret and follow organisational policies and procedures, follow sequenced written instructions, record accurately and legible information collected and select and apply procedures for a range of tasks
- use oral communication skills/language competence to fulfil the job role as specified by the organisation, including questioning techniques, active listening, clarifying information and consulting with supervisors as required
- use interpersonal skills to work with and relate to people from a range of cultural, social and religious backgrounds and with a range of physical and mental abilities.

Required knowledge

- comparative environmental implications associated with soil disturbance and the establishment of drainage systems
- components of mortar, including admixes such as bonding and colouring agents, used in the construction of brick and/or block structures and features.

Evidence Guide

EVIDENCE GUIDE	
The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.	
Overview of assessment	
Critical aspects for assessment and evidence required to demonstrate competency in this unit	The evidence required to demonstrate competency in this unit must be relevant to workplace operations and satisfy holistically all of the requirements of the performance criteria and required skills and knowledge and include achievement of the following: • interpret site plans and specifications • set out and prepare a landscape construction site • construct landscape structures • check quality of work and clean up site.
Context of and specific resources for assessment	Competency requires the application of work practices under work conditions. Selection and use of resources for some worksites may differ due to the regional or enterprise circumstances.

Range Statement

RANGE STATEMENT	
The range statement relates to the unit of competency as a whole.	
Structures and features may include:	• stone, brick or block features such as walling, steps, edgings, walls, fences, BBQ and entertaining areas, and ornamental garden elements not covered by engineering specifications.

Unit Sector(s)

Unit sector	Landscape
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Co-requisite units

Co-requisite units		

Competency field

Competency field	
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