



Australian Government

Assessment Requirements for AHCLSC312 Construct brick and block structures and features

Release: 1

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Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 7.0.

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has constructed brick and block structures and features, using two different construction methods and has:

- interpreted site plans and specifications
- applied workplace health and safety requirements, including fitted and used personal protective equipment (PPE)
- selected, used and maintained tools and equipment required for constructing brick and block structures and features
- setup profiles for brick and block structures and features
- measured and constructed profiles using mathematical techniques
- established levels using levelling equipment
- gauged brickworks to maintain correct spacing
- applied bonding techniques
- cut bricks or blocks
- applied joint treatment
- checked quality of work and cleaned up site
- cleaned brick or block
- reported unserviceable tools and equipment.

Knowledge Evidence

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:

- principles and practices of brick and block construction, including:
 - components of mortar, including bonding and colouring agents and ratios, and their importance
 - site plans and specifications

- structural integrity of brick and block structures and features
- Australian standards and codes relevant to constructing brick and block structures and features
- local and State/Territory regulations and legislation applicable to constructing brick and block structures and features
- types of bricks and blocks and their dimensions, tolerances and applications
- types of brick and block structures and features, including single, double and cavity filled walls
- types of brick and block patterns, joint finishing, frogs and holes, and their purpose
- brick and block mechanical and hand cut methods
- types of drainage applicable to brick and block structures and features
- types of waterproofing
- purpose of damp courses
- types of jointing applicable to brick and block structures and features
- types of concrete footings, reinforcement and core filling applicable to brick and block structures and features
- post-construction finishes and applications
- environmental impacts of bricks and block construction works
- workplace requirements applicable to health and safety in the workplace for constructing brick and block structures and features, including appropriate use of PPE.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
- a workplace setting or an environment that accurately represent workplace conditions
- resources, equipment and materials:
 - workplace procedures applicable to constructing brick and block structures and features
 - materials, tools and equipment applicable to constructing brick and block structures and features
 - PPE applicable to constructing brick and block structures and features
- specifications:
 - workplace requirements applicable to health and safety in the workplace for constructing brick and block structures and features
 - site plans and specifications applicable to constructing brick and block structures and features
 - local and State/Territory regulations and legislation applicable to constructing brick and block structures and features
 - Australian standards and codes applicable to constructing brick and block structures and features

- timeframes:
 - according to job requirements.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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