



Australian Government

AHCLSC318 Erect timber 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.

Application

This unit of competency describes the skills and knowledge required to erect timber structures and features as a component of landscape project works, including preparing for work, setting out and preparing site, preparing and cutting timber components, assembling and erecting structure, checking and cleaning up site.

The unit applies to individuals who erect timber structures and features under broad direction, and take responsibility for their own work and for the quality of the work of others.

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

Pre-requisite Unit

Nil

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 plan and specifications 1.2 Identify potential hazards and risks, and implement safe working practices to manage risks 1.3 Check quantity and quality of materials 1.4 Select tools and equipment required for construction work and check for safe operation

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.5 Select, fit, use and maintain personal protective equipment (PPE) applicable to task
2. Set out the site and prepare the profile and footings	2.1 Determine, locate and mark out services from site plan 2.2 Mark out position of structure or feature according to design drawings and specifications 2.3 Establish profiles to conform to nominated tolerances 2.4 Excavate and prepare footings according to type of structure to be erected
3. Prepare and cut timber components	3.1 Identify and select timber according to site plan and specifications 3.2 Prepare components for assembly 3.3 Mark out length of components and positions of cuts and joints 3.4 Cut, check and accurately drill components using hand or power tools as required
4. Assemble and erect structure	4.1 Identify and select hardware 4.2 Determine if protective coating is required and, if so, select and apply 4.3 Fix, join or assemble timber components into position and fix into place 4.4 Install bracing according to site plan and specifications 4.5 Finish off structure to ensure all components are secure and complete 4.6 Apply protective treatments according to site plan and specifications
5. Check quality of work and clean-up site	5.1 Inspect quality of finished works according to site plan and specifications 5.2 Clean debris from structure and site 5.3 Dispose of or recycle waste material from site 5.4 Clean, maintain and store tools and equipment 5.5 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 standard industry 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
AHCLSC318 Erect timber structures and features	AHCLSC304 Erect timber structures and features	Minor changes to application Minor changes to performance criteria Foundation skills added Assessment requirements updated	Equivalent

Links

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