



Australian Government

AHCLSC308 Install metal structures and features

Release: 2

AHCLSC308 Install metal structures and features

Modification History

Release	Comments
Release 2	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 2.0.
Release 1	This version released with AHC Agriculture, Horticulture, Conservation and Land Management Training Package Version 1.0.

Application

This unit of competency describes the skills and knowledge required to install metal structures and features as a component of landscape project works.

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.

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

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 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

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 and use personal protective equipment (PPE)
2. Set out the site for the structure	2.1 Determine and locate services 2.2 Mark out the position of the structure or feature 2.3 Establish profiles to conform to nominated tolerances 2.4 Excavate and prepare footings according to the type of structure to be erected
3. Prepare and cut metal components	3.1 Lay components out for assembly 3.2 Mark the length of components and the positions of joins 3.3 Cut, check and join components in preparation for joining and assembly
4. Assemble and erect structure	4.1 Fix, join or assemble metal components into position and fix into place 4.2 Install remaining components and fix into position 4.3 Finish off structure to ensure all components are secure and complete 4.4 Apply coatings
5. Check quality of work and clean-up site	5.1 Inspect the quality of finished works to ensure they have met the required drawings and specifications standards 5.2 Clean debris from structure and site 5.3 Remove and dispose of all debris in a manner that minimises risk to the environment 5.4 Store unused metal components for future re-use 5.5 Clean, maintain and store tools and equipment

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.

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

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCLSC308 Install metal structures and features Release 2	AHCLSC308 Install metal structures and features Release 1	Minor typographical error corrected	Equivalent unit

Links

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

Assessment Requirements for AHCLSC308 Install metal 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:

- plan and prepare metal structures and features using plans and specifications
- mark out sites for metal structures and features using design drawings and specifications
- use surveying instruments
- establish levels and prepare footings
- excavate footings
- estimate quantities
- use power tools efficiently and safely
- measure and mark lengths of metal components
- fix, join or assemble metal components using a variety of recognised methods
- apply a variety of surface finishes.

Knowledge Evidence

The candidate must demonstrate knowledge of:

- the principles and practices of installing metal structures and features
- levelling principles and techniques
- footings for metal structures and their construction methods.

Assessment Conditions

Assessors must satisfy current standards for RTOs.

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