

## Modification history

Release	Comments
<a href="#">Release 3</a>	<a href="#">This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 7.0.</a>
Release 2	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 2.0.
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0.

AHCLSC308	Install metal structures and features
<b>Application</b>	<p>This unit of competency describes the skills and knowledge required to install metal structures and features as a component of landscape project works, <a href="#">including preparing for work, setting out site, preparing and cutting metal components, assembling and erecting structure, checking and cleaning up site.</a></p> <p>This unit applies to individuals who <a href="#">install metal structures and features under broad direction, and</a> take responsibility for their own work and for the quality of the work of others. <del>They use discretion and judgement in the selection, allocation and use of available resources.</del></p> <p>No <del>occupational</del> licensing, legislative or certification requirements <del>are known to</del> apply to this unit at the time of publication.</p>
<b>Prerequisite Unit</b>	Nil
<b>Unit Sector</b>	Landscape (LSC)

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 <a href="#">site</a> plans and specifications 1.2 <a href="#">Identify potential hazards and risks, and implement safe working practices to manage risks</a> <del>Check the quantity and quality of materials</del> 1.3 <a href="#">Check the quantity and quality of materials</a> <del>Select tools and equipment and check for serviceability</del> 1.4 <a href="#">Select tools and equipment required for installation work and check for serviceability</a> <del>Identify hazards, assess risks and implement controls</del> 1.5 Select, <del>fit, and</del> use <a href="#">and maintain</a> personal protective equipment (PPE) <a href="#">applicable to the task</a>
2. Set out the site for the structure	2.1 Determine, <del>and</del> locate <a href="#">and mark out</a> services <a href="#">from site plan</a> 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 joints 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

<b>Elements</b>	<b>Performance Criteria</b>
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
5. Check quality of work and clean-up site	5.1 Inspect the quality of finished works to ensure the <del>required standard has been achieved</del> <u>have met the required drawings and specifications standards</u> 5.2 Clean debris from structure and site 5.3 <del>Remove and</del> dispose of <u>or recycle waste material from the site</u> <del>all debris in a manner that minimises risk to the environment</del> 5.4 Store unused metal components for future re-use 5.5 Clean, maintain and store tools and equipment <u>5.6 Identify and report unserviceable tools and equipment according to workplace procedures</u>

<b>Foundation Skills</b>	
<i>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.</i>	
<b>Skill</b>	<b>Description</b>
<a href="#">Oral communication</a>	<ul style="list-style-type: none"> <li>Use clear language to report tool and equipment unserviceability</li> </ul>

<b>Unit Mapping Information</b>			
<b>Code and title current version</b>	<b>Code and title previous version</b>	<b>Comments</b>	<b>Equivalence status</b>
<a href="#">AHCLSC308 Install metal structures and features Release 3</a>	<a href="#">AHCLSC308 Install metal structures and features Release 2</a>	<a href="#">Minor changes to application</a> <a href="#">Minor changes to performance criteria</a> <a href="#">Foundation skills added</a> <a href="#">Assessment requirements updated</a>	<a href="#">Equivalent</a>
AHCLSC308 Install metal structures and features -Release 2	AHCLSC308 Install metal structures and features -Release 1	Minor typographical error corrected	Equivalent unit

<b>Links</b>	Companion Volumes, including Implementation Guides, are available at VETNet: <a href="https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72">https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72</a>
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<b>TITLE</b>	<b>Assessment requirements for AHCLSC308 Install metal structures and features</b>
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**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 [installed metal structures or features on at least two occasions and has](#):

- [applied workplace health and safety requirements](#)
- [selected, used and maintained tools and equipment required for installation of metal structures and features](#)
- [interpreted site plans and specifications](#)
- [plan](#)ned and [prepar](#)ed metal structures and features using [site](#) plans and specifications
- [mark](#)ed out [a](#) sites for metal structures and features [using according to](#) design drawings and specifications
- [use](#)d surveying instruments
- [establi](#)shed levels and prepare footings
- [excavate](#)d footings
- [estimate](#)d quantities
- [use](#)d power tools efficiently and safely
- [measure](#)d and [mark](#)ed lengths of metal components
- [fix](#)ed, [join](#)ed or [assemble](#)d metal components ~~using a variety of recognised methods~~
- [applied](#) a variety of surface finishes
- [checked quality of work and cleaned up site](#)
- [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:

- [workplace requirements applicable to health and safety in the workplace for installation of metal structures and features, including appropriate use of personal protective equipment \(PPE\)](#)
- ~~the~~ principles and practices of installing metal structures and features, [including](#):
  - levelling principles and techniques
  - [footings](#) for metal structures and their construction methods
  - [surface finishes](#).

**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 [installing metal](#) structures and features
  - materials, tools and equipment applicable to [installing metal](#) structures and features
  - PPE applicable to [installing metal](#) structures and features
- specifications:
  - workplace requirements applicable to health and safety in the workplace for [installing metal](#) structures and features
  - site plans, design drawings and specifications applicable to [installing metal](#) 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.

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