



**Australian Government**

# **Assessment Requirements for AHCLSC321 Install metal 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 installed metal structures or features on at least two occasions and has:

- interpreted site plans and specifications
- applied workplace health and safety requirements, including fitted and used personal protective equipment (PPE)
- estimated quantities
- selected, used and maintained tools and equipment required for installation of metal structures and features
- planned and prepared metal structures and features using site plans and specifications
- marked out a site for metal structures and features according to design drawings and specifications
- used surveying instruments
- established levels and prepare footings
- excavated footings
- measured and marked lengths of metal components
- used power tools efficiently and safely
- fixed, joined or assembled metal components
- applied 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:

- principles and practices of installing metal structures and features, including:

- levelling principles and techniques
- footings for metal structures and their construction methods
- metal structure and component fixing, cutting, joining and assembly methods and hardware products
- use of hand and power tools relevant to metal structures and features
- surface finishes
- workplace requirements applicable to health and safety in the workplace for installation of metal 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 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.

## Links

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