



Australian Government

Assessment Requirements for AHCLSC504 Survey and establish site levels

Release: 1

Assessment Requirements for AHCLSC504 Survey and establish site levels

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 surveyed and established site levels on at least one occasion on two different sites, and has:

- performed survey equipment test
- maintained survey equipment and material
- interpreted existing plans and client brief
- produced scale drawings for designs
- liaised with clients
- used survey equipment on a sloping site, including a change point
- recorded levels of survey items and site features
- read maps and plans
- orientated a landscape site
- mapped orientation and levels and issues of levels to scale on a site plan
- analysed surveying and levelling results
- booked and logged results.

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 establishing site levels, including:
 - survey equipment testing, calibration and maintenance procedures
 - techniques for surveying differing and unusual garden shapes
 - map and plan reading, and map orientation
 - difference between magnetic and true north
- tools, equipment, and surveying instruments relevant to surveying and establishing site levels for landscape projects and their use.

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:
 - tools and equipment, and survey instruments applicable to surveying and establishing site levels for landscape projects
- specifications:
 - site plans, maps and client brief applicable to surveying and establishing site levels for landscape projects
- relationships:
 - clients
- 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>