



Australian Government

Assessment Requirements for AHCSAW402 Set out conservation earthworks

Release: 1

Assessment Requirements for AHCSAW402 Set out conservation earthworks

Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.0.

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 interpreted plans and specifications and transferred dimensions to at least one conservation earthworks site.

There must also be evidence that the individual has:

- set out conservation earthworks site using industry and workplace practices
- identified hazards, assessed risks and implemented controls for the survey site
- interpreted plans and specifications and related plan to site for layout
- transferred measurements from plan to site to specified accuracy
- marked out site according to workplace and industry practices
- informed work team of layout and to preserve the integrity.

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:

- plans and plan reading and interpretation, including:
 - types of plans
 - general and technical specifications
 - scale and calculating dimensions
 - supplementary plan documentation
 - version control
- survey equipment and its use for setting out earthworks, including:
 - equipment used for linear dimensions
 - determining levels and heights
 - setting up, operation and maintenance of equipment for preserving accuracy
- civil engineering and survey techniques applicable to conservation earthworks, including:

- industry operating procedures
- methods and materials used for marking out sites
- workplace health and safety issues relating to site safety while undertaking site survey works, including:
 - safe use of laser equipment
 - site-specific risks and impediments
 - personal protective equipment
 - sun protection.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated on a conservation construction site or in an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - surveying tools and equipment for transferring measurements
 - consumables for marking out site
 - personal protective equipment
- specifications:
 - workplace policies and procedures for safely conducting survey work
 - manufacturer operating instructions for survey equipment
 - workplace instructions, plans and specifications
- relationships:
 - landholder
 - surveyor.

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>