



Australian Government

Assessment Requirements for AHCDES507 Produce drawings for landscape design projects using CAD software

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 produced drawings for landscape design projects using computer-aided drawing (CAD) software on at least one occasion and has:

- identified and confirmed design drawing requirements
- selected CAD hardware and software to suit project requirements
- followed CAD operating instructions and workplace procedures
- used features and functions of CAD software to produce design drawings
- applied numeracy skills to calculate and record layers, scales, dimensions, ratios and measurements
- applied creative design, drawing and drafting skills, including:
 - characteristics, decorative styles and text styles
 - drafting methods
 - drafting technologies
 - drafting equipment
- used client or relevant project personnel feedback to refine and produce final design drawings within agreed time requirements.

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 drawing landscape design projects using CAD software, including:
 - CAD hardware, software, tools and equipment used for drawing landscape design projects
 - CAD operating instructions

- CAD software program features and functions, including; drawing tools, view displays, edit functions, working with layers, plotting, printing and file save functions
- hard copy and digital file management procedures
- Australian standards and workplace procedures relevant to producing CAD drawings for landscape design projects.

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 represents workplace conditions
- resources, equipment and materials:
 - site, concept and project information, and data applicable to producing drawings for landscape design projects using CAD software
 - CAD software, hardware, printers and peripheral equipment
- specifications:
 - CAD operating instructions
 - Australian standards and workplace procedures applicable to producing CAD drawings for landscape design projects
- relationships:
 - client or relevant project personnel
- 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>