



Australian Government

Assessment Requirements for CPPSSI5050 Produce survey drawings

Release: 1

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Modification History

Release 1 This version first released with CPP Property Services Training Package Release 12.0.

This unit supersedes and is equivalent to CPPSIS5050A Create engineering drawings.

Performance Evidence

To demonstrate competency a candidate must meet the elements and performance criteria of this unit by using supplied site data and technical standards for drafting and land XML file creation to produce two different survey drawings.

Each survey plan must:

- meet technical specifications
- be presented in both hard copy and land XML formats
- include a land XML file of the completed survey plan.

Knowledge Evidence

To be competent in this unit a candidate must demonstrate knowledge of:

- survey plan types, purposes and applications:
 - land subdivision
 - strata
 - community title
 - easement
 - stratum
 - mining
 - redefinition
 - identification
- engineering survey drawings
- relevant government and non-government technical standards requirements for preparing survey plans and drawings
- types of computer-aided design (CAD) software used in surveying
- software functions of importing and exporting digital site data in CSV and DXF formats
- mathematical concepts in surveying methods relating to distance and angles
- data formats and data management techniques

- spatial reference systems
- standard plan design and presentation conventions.

Assessment Conditions

Assessors must meet the requirements for assessors contained in the Standards for Registered Training Organisations.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting where these skills and knowledge would be performed.

Candidates must have access to:

- computer and appropriate CAD software
- relevant operating manuals and manufacturer specifications.

Links

Companion volumes to this training package are available at the VETNet website -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>