



Australian Government

Assessment Requirements for CPPSSI4025 Collect spatial data using GNSS

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 CPPSIS4025 Collect spatial data using GNSS.

Performance Evidence

To demonstrate competency a candidate must meet the elements and performance criteria of this unit by collecting spatial data using global navigation satellite system (GNSS) equipment for two different surveying projects.

Knowledge Evidence

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

- purpose and function of GNSS equipment
- different GNSS techniques
- typical accuracies obtainable with GNSS equipment
- factors that affect accuracy of data collection by GNSS equipment
- methods for checking accuracy of data collected
- surveying calculations relating to distances and coordinates
- spatial data querying techniques using Structured Query Language (SQL) commands
- purpose of and methods for setting designated datum and map projection
- spatial data:
 - features and their attributes
 - 2-D and 3-D position.

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:

- GNSS equipment and associated software

- task specifications and plans
- organisational procedures relating to work health and safety (WHS).

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>