



Australian Government

Assessment Requirements for CPPSSI6032 Conduct advanced GNSS control surveys

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 CPPSIS6032 Conduct advanced GNSS control surveys.

Performance Evidence

To demonstrate competency a candidate must meet the elements and performance criteria of this unit by planning and conducting an advanced global navigation satellite system (GNSS) control survey for two different projects using the following pieces of equipment in both projects:

- geodetic GNSS receiver
- associated equipment capable of differential and real-time modes of operations.

Knowledge Evidence

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

- reference and coordinate systems for surveying data, including Australian Height Datum and Map Grid of Australia
- graphical and technical information in aerial photographs, maps, drawings, field records and survey plots
- technical terminology in specifications and contracts
- types of GNSS data collection techniques, accuracies and applications
- projection and datum parameters required for GNSS equipment and processing software
- GNSS availability, structures, capabilities and limitations
- GNSS control surveying techniques
- methods for accessing, manipulating, retrieving and archiving GNSS data
- accuracy and precision requirements for GNSS control networks
- GNSS accuracy enhancement techniques.

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 relevant software
- personal protective equipment (PPE)
- survey specifications, plans, maps and photographs.

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>