



Australian Government

Assessment Requirements for CPPSSI5061 Survey subsurface utility information

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 CPPSIS5061 Locate underground services in surveying practice.

Performance Evidence

To demonstrate competency a candidate must meet the elements and performance criteria of this unit by locating and surveying at least two subsurface utilities for each of two different projects. For each project, the candidate must use:

- one of the following pieces of locating equipment:
 - electromagnetic locating equipment
 - ground penetrating radar (GPR)
- one of the following pieces of surveying equipment:
 - global navigation satellite system (GNSS)
 - total station.

Knowledge Evidence

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

- types of underground assets/utilities
- the format, layout and content of service plans obtained from Dial Before You Dig (DBYD)
- methods used for locating underground utilities
- purpose and operation of equipment used for locating underground utilities
- relevant sections of AS 5488 Classification of subsurface utility information
- accuracy and precision requirements for locating underground services
- key features of reference systems for surveying data
- industry-accepted standards for the presentation of the surveyed results on plan and in reports.

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:

- surveying and locating equipment
- personal protective equipment (PPE)
- survey specifications, including relevant plans and drawings.

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>