



Australian Government

Assessment Requirements for CPPSIS3015

Collect basic surveying data

Release: 1

Assessment Requirements for CPPSIS3015 Collect basic surveying data

Modification History

Release 1.

This version first released with CPP Property Services Training Package Version 3.

Replaces superseded non-equivalent CPPSIS3015A Collect spatial data.

Performance Evidence

A person demonstrating competency in this unit must satisfy the requirements of the elements, performance criteria, foundation skills and range of conditions of this unit. The person must also accurately record basic surveying data for two field projects, including data relating to the position of geographic features and their attributes, including angles, distances and height.

During the above projects, the person must collect the basic surveying data using two of the following pieces of equipment:

- automatic, digital or laser level
- electromagnetic recording equipment
- global positioning system (GPS) for:
 - determining point position
 - navigating and recording a traverse
 - collecting designated attributes for designated features
- ground penetrating radar
- total station.

In addition, while collecting basic surveying data, the person must use two of the following:

- digital or hard copy maps and images
- distance measuring
- measuring bearings or angles
- measuring vertical angles or slopes.

During the above projects, the person must also:

- communicate clearly with others to clarify work tasks and equipment selection
- comply with organisational, legislative and manufacturer requirements to work safely and use personal protective equipment (PPE)
- comply with relevant safe work method statements (SWMS)
- follow manufacturer specifications and standard operating procedures to correctly set up, operate, pack up, and store tools and equipment

- use organisational and industry procedures and proformas to accurately collect and record measurements and data.

Knowledge Evidence

A person demonstrating competency in this unit must demonstrate knowledge of:

- accepted organisational standards for recording surveying metadata
- attributes associated with a dataset
- organisational and industry policies and procedures relating to collecting, recording and storing surveying data
- organisational and industry procedures relating to work tasks specified in the performance evidence, including equipment use
- spatial data collection procedures for equipment used, as specified in the performance evidence
- work health and safety procedures relating to data collection activities.

Assessment Conditions

The following must be present and available to learners during assessment activities:

- equipment:
 - as specified in the performance evidence
- specifications:
 - standard operating procedures and documentation relating to data collection tasks
- relationships with team members and supervisor:
 - working under supervision.

Timeframe:

- as specified by task and organisational requirements.

Assessor requirements

As a minimum, assessors must satisfy the assessor requirements in the Standards for Registered Training Organisations (RTOs) current at the time of assessment.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>