



Australian Government

CPPSIS2012 Assist in collecting basic spatial data

Release: 1

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Modification History

Release 1.

Replaces superseded non-equivalent CPPSIS2012A Assist in the collection of spatial data.

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

Application

This unit of competency specifies the outcomes required to assist team members to collect basic spatial data in the field using surveying methods. Basic spatial data refers to measurements of distances, angles and height difference. The unit covers preparing for data collection by clarifying tasks and equipment to be used, and checking equipment for safe working order. The unit also covers participating in spatial data gathering activities, including recording data in the correct format and using equipment in a safe manner. It covers finalising work tasks by checking and storing equipment and reporting faults or problems, and completing and storing data and documentation. The unit requires the ability to follow instructions and communicate with team members, and to apply mathematical concepts used for basic surveying methods.

The unit supports those who work under direct supervision in a surveying team, in positions relating to field data collection and administration.

No licensing, legislative, regulatory, or certification requirements apply to this unit of competency at the time of endorsement.

Pre-requisite Unit

Nil

Unit Sector

Surveying and spatial information services

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions.

- | | |
|---|---|
| 1. Prepare to collect basic spatial data. | 1.1. Task requirements are clarified with <i>appropriate persons</i> . |
| | 1.2. Equipment is selected to meet task requirements in |

- consultation with appropriate persons.
- 1.3. Equipment is checked to ensure it is in safe working order according to organisational requirements.
2. Collect basic spatial data.
 - 2.1. Data is collected and recorded in correct format in line with task and organisational requirements.
 - 2.2. Data is checked for accuracy and problems are reported to appropriate persons.
 - 2.3. Equipment is used according to task and safety requirements and manufacturer specifications, and problems are reported to appropriate persons.
 3. Finalise spatial data collection tasks.
 - 3.1. Equipment is checked and stored safely according to organisational requirements and manufacturer specifications.
 - 3.2. Unsafe or faulty equipment is reported according to organisational requirements.
 - 3.3. Data and documentation are completed and stored according to organisational requirements.

Foundation Skills

This section describes the language, literacy, numeracy and employment skills essential to performance in this unit but not explicit in the performance criteria.

Skill	Performance feature
Numeracy skills to:	<ul style="list-style-type: none"> • use mathematical concepts in surveying methods relating to distance and angles.
Oral communication skills to:	<ul style="list-style-type: none"> • ask questions to clarify task requirements and equipment selection.
Reading skills to:	<ul style="list-style-type: none"> • locate specific information in standard operating procedures • understand forms required for recording collected data.

Writing skills to:

- record clear and accurate measurements that can be interpreted by a third party.

Range of Conditions

This section specifies work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included. Bold italicised wording, if used in the performance criteria, is detailed below.

Appropriate persons must include at least one of the following:

- experienced colleague
- site personnel
- supervisor or line manager.

Unit Mapping Information

No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>