



Australian Government

CPPSIS3016 Provide field support services for surveying and spatial projects

Release: 1

CPPSIS3016 Provide field support services for surveying and spatial projects

Modification History

Release 1.

Replaces superseded equivalent CPPSIS3016A Provide field support services.

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

Application

This unit of competency specifies the outcomes required to provide field support services for surveying and spatial projects. The unit covers planning and preparing for work, including selecting equipment and supplies, and while in the field following safety procedures and carrying out field support tasks.

The unit supports those who work under supervision in a surveying or spatial information services team, in positions that provide assistance with data collection in the field.

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 for field support tasks.	<table><tr><td>1.1.</td><td>Task requirements are identified and confirmed with <i>appropriate persons</i> according to organisational requirements.</td></tr><tr><td>1.2.</td><td>Equipment and supplies appropriate to the task are selected and prepared according to task and organisational requirements.</td></tr><tr><td>1.3.</td><td>Hazards relating to the work site are identified and risks controlled according to organisational and safety</td></tr></table>	1.1.	Task requirements are identified and confirmed with <i>appropriate persons</i> according to organisational requirements.	1.2.	Equipment and supplies appropriate to the task are selected and prepared according to task and organisational requirements.	1.3.	Hazards relating to the work site are identified and risks controlled according to organisational and safety
1.1.	Task requirements are identified and confirmed with <i>appropriate persons</i> according to organisational requirements.						
1.2.	Equipment and supplies appropriate to the task are selected and prepared according to task and organisational requirements.						
1.3.	Hazards relating to the work site are identified and risks controlled according to organisational and safety						

requirements.

- 1.4. Site drawings and plans are obtained and examined to determine location of services.
 - 1.5. Personal protective equipment (PPE) is accessed and used according to manufacturer specifications and organisational requirements.
2. Execute field support tasks.
 - 2.1. **Support tasks** are carried out in consultation with appropriate persons and according to task requirements.
 - 2.2. Equipment is operated according to task and organisational requirements.
3. Finalise field support tasks.
 - 3.1. Site is restored as near as practicable to original condition, and waste is disposed of according to organisational requirements.
 - 3.2. Equipment is cleaned and stored in a secure location according to manufacturer specifications.
 - 3.3. Repair work is organised for unsafe or faulty tools and equipment 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

- | | |
|-------------------------------|---|
| Learning skills to: | <ul style="list-style-type: none">locate features at the work site identified from maps and drawings. |
| Numeracy skills to: | <ul style="list-style-type: none">record numerical data. |
| Oral communication skills to: | <ul style="list-style-type: none">ask questions to clarify work task requirements. |

Reading skills to:

- understand and follow procedures in task requirements
- understand graphical information on maps and site drawings.

Writing skills to:

- record clear and accurate data and information.

Technology skills to:

- set up tools and equipment.

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.
- supervisor or line manager.

Support tasks must include at least five of the following:

- assisting equipment operator with data collection and recording
- clearing lines
- finding survey marks
- loading and unloading equipment and tools
- performing simple measurements, such as height of instrument and target
- placing survey marks
- setting up tripods and equipment in preparation for use by an instrument operator
- shifting equipment between designated points
- using and maintaining tools, such as shovels, crow bars, axes and brush hooks.

Unit Mapping Information

CPPSIS3016A Provide field support services

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for CPPSIS3016 Provide field support services for surveying and spatial projects

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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 provide five of the field support tasks listed in the range of conditions for two different spatial data collection projects.

While providing the above field support services, the person must:

- communicate clearly with others to clarify work tasks
- comply with organisational, legislative and manufacturer requirements in order to work safely and protect the work environment while in the field
- cooperate with team members to collect and record data
- select and use the following spatial tools and equipment to complete support tasks:
 - communication device
 - data measuring and recording equipment and tools
 - safety equipment and supplies, including personal protective equipment (PPE).

Knowledge Evidence

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

- industry-accepted standards and practices for measuring and recording basic spatial data
- organisational policies and procedures relating to work tasks, including reporting and equipment use and maintenance
- purpose and uses of required tools and equipment
- site restoration and waste disposal procedures
- work health and safety procedures relating to field support activities.

Assessment Conditions

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

- equipment:
 - as specified in the performance evidence
- specifications:

- job specifications for field support work
- equipment operating manuals
- safety instructions
- organisational policies, procedures and documentation relating to work 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

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