

Draft 0.1

This is a draft update to CPPSIS3016 Provide field support services for surveying and spatial projects : <https://training.gov.au/Training/Details/CPPSIS3016>.

Code changed to CPPSI3016 to comply with NSSC endorsement policy.
Changed PCs to active voice.

Changed 'person' to 'candidate' in PE.

Moved 'Field Support Tasks' from KE to PE.

Range of Conditions added to Knowledge Evidence.

Mapping information added but is incomplete.

Unit of Competency

CPPSI3016 Provide field support services for surveying and spatial projects

Modification history

Release	Comments
	Supersedes and is equivalent to CPPSI3016 Provide field support services for surveying and spatial projects

Application

This unit specifies the skills and knowledge 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.

A person who achieves this unit is able to 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 publication.

Prerequisite Unit

None

Unit Sector

Surveying and Spatial Information Services (SSI)

Elements and Performance Criteria

1. Prepare for field support tasks.	<ul style="list-style-type: none">1.1 Identify and confirm task requirements with appropriate persons according to organisational requirements.1.2 Select and prepare equipment and supplies appropriate to the task according to task and organisational requirements.1.3 Identify hazards and control risks relating to the work site according to organisational and safety requirements.1.4 Obtain and examine site drawings and plans to determine location of services.1.5 Access and use personal protective equipment (PPE) according to manufacturer specifications and organisational requirements.
2. Execute field support tasks.	<ul style="list-style-type: none">2.1 Carry out support tasks in consultation with appropriate persons and according to task requirements.2.2 Operate Set up equipment according to task and organisational requirements.
3. Finalise field support tasks.	<ul style="list-style-type: none">3.1 Restore site as near as practicable to original condition, and dispose of waste according to organisational requirements.3.2 Clean and store equipment in a secure location according to manufacturer specifications.3.3 Organise repair work for unsafe or faulty tools and equipment according to organisational requirements.

Foundation Skills

This section describes the language, literacy and employment skills essential for performance in this unit of competency which are not explicit in the performance criteria. Candidates require:

- learning skills to:
 - locate features at the work site identified from maps and drawings
- numeracy skills to:
 - record numerical data
- oral communication skills to:
 - 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.

Unit Mapping Information

Supersedes and is equivalent to CPPSIS3016 Provide field support services for surveying and spatial projects

Links

The Companion Volume Implementation Guide for the Property Services Training Package is available at: <https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>

Assessment Requirements for CPPSSI016 Provide field support services for surveying and spatial projects

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Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by providing five of the field support tasks for two different spatial data collection projects.

Support tasks must include at least five of the following:

- loading and unloading equipment and tools
- 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
- assisting equipment operator with data collection and recording
- clearing lines
- finding survey marks
- placing survey marks
- finding service pits, poles and cover plates
- performing simple measurements, such as height of instrument and target
- using a prism with prism pole
- using a levelling staff.

While providing the above field support services, the candidate 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

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

- industry-accepted standards and practices for setting up equipment used in 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
- appropriate persons:
 - experienced colleague

- supervisor or line manager.

Assessment Conditions

Assessors must meet the requirements for assessors contained in the Standards for Registered Training Organisations.

Assessment must be conducted in the workplace or a simulated workplace using realistic conditions, materials, activities, responsibilities, procedures, safety requirements and environmental considerations.

Candidates must have access to:

- equipment
- 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.

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