

Draft 0.1

This is a draft update to CPPSIS4027 Organise surveying field services:

<https://training.gov.au/Training/Details/CPPSIS4027>.

Code changed to CPPSUR4027.

Replaced: 'Licensing, legislative, regulatory or certification requirements concerning the use of vehicles apply to this unit in most States. Relevant state and territory regulatory authorities should be consulted to confirm those requirements.' In Application with:
'No licensing, legislative or certification requirements apply to this unit at the time of publication.'

Changed PCs to active voice.

Changed 'person' to 'candidate' in PE.
Range of Conditions added to Knowledge Evidence.

Reference to: 'two different projects' in first sentence of PE may be problematic at audit as no specific details provided.

I've added mapping info.
TAG will need to reassess this as unit is redeveloped.

Unit of Competency

CPPSUR4027 Organise surveying field services

Modification history

Release	Comments
1	Replaces superseded equivalent CPPSIS4027A Organise field services. This version first released with CPP Property Services Training Package Version 3.
	Replaces superseded equivalent CPPSIS4027 Organise surveying field services

Application

This unit specifies the skills and knowledge required to organise surveying field services. The unit covers planning field activities to allow for contingencies and risks, and allocating resources. The unit also covers conducting organised field service tasks relating to measuring and marking surface positions, and documenting and reporting project results. It requires some client consultation.

The unit supports those who work in support positions for surveying, cartography, mapping and geographic information systems (GIS).

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

Prerequisite Unit

None

Unit Sector

Surveying and spatial information services

Elements and Performance Criteria

1. Plan surveying field services.	1.1 Identify and clarify job specifications and principal work activities with appropriate persons. 1.2 Plan field services to include objectives, spatial data specifications, required resources, constraints, and health and safety requirements. 1.3 Analyse plans and other relevant information to determine the location of services and site references. 1.4 Identify risks and contingencies and incorporate risk control measures into field services plan according to organisational requirements. 1.5 Select and prepare tools, equipment and supplies to meet job requirements. 1.6 Allocate work to appropriate persons, and implement checks measures to ensure work is completed within time available.
2. Conduct field service tasks.	2.1 Carry out field service tasks according to job specifications. 2.2 Determine and mark surface positions according to site drawings and organisational requirements.
3. Complete field service tasks.	3.1 Restore site as near as practicable to original condition, and dispose of waste according to organisational requirements. 3.2 Clean and store tools and equipment in a secure location according to organisational requirements. 3.3 Complete documentation accurately and promptly and check against job specifications. 3.4 Report job completion to appropriate persons according to

	organisational requirements.
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Foundation Skills

Candidates require:

- planning and organising skills to:
 - prioritise activities to meet work requirements and immediate field needs
- numeracy skills to:
 - calculate time and resources to allocate to field services
- oral communication skills to:
 - ask questions to identify and clarify client requirements
 - impart knowledge and ideas to meet client needs
- reading skills to:
 - interpret technical information in manufacturer specifications
- writing skills to:
 - complete field records
 - prepare clear and accurate technical reports that can be interpreted by a third party
- technology skills to:
 - use a computer and software to prepare reports.

Unit Mapping Information

Supersedes and is equivalent to CPPSIS4027 Organise surveying field services

Links

Companion Volume Implementation Guide:

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

Assessment Requirements for CPPSUR4027 Organise surveying field services

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Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by organising surveying field services for two different projects in consultation with colleagues.

While organising the above field services, the candidate must:

- review job specifications and objectives to determine resource allocations in consultation with others
- plan field services to allow for contingencies, such as inclement weather
- organise a small work team to provide field services
- conduct a range of field service tasks and assist in restoring the work site on completion
- determine and mark surface positions based on information in site drawings and references
- communicate clearly with others to clarify and report project information
- comply with organisational requirements when using and storing the equipment specified in the assessment conditions, and completing records and documentation
- comply with health and safety requirements to:
 - identify potential hazards and apply risk control measures
 - inspect equipment to ensure it is in safe working order.

Knowledge Evidence

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

- basic techniques for planning field services and organising a small work team
- industry requirements and standards for determining and marking surface positions
- organisational requirements relating to resource allocation, equipment use, and health and safety when working in the field
- types and uses of spatial data obtained from:
 - global navigation satellite system (GNSS)
 - level
 - total station
- ways to minimise environmental impact from field activities
- appropriate persons:
 - client
 - experienced colleague
 - supervisor or line manager
 - supplier.

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:
 - data measuring and recording equipment
 - communications equipment
 - computer and relevant software
 - safety equipment, including personal protective equipment (PPE) for field work
 - vehicle as required
- specifications:
 - organisational policies, procedures and documentation relating to work health and safety
 - maps and site drawings
- relationships with team members and supervisor:
 - work in a team
- relationships with client:
 - client consultation required.

Links

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