



Australian Government

CPPSSI2015 Assist with surveying and spatial field activities

Release: 1

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Modification History

Release 1 This version first released with CPP Property Services Training Package Release 12.0.

Supersedes and is equivalent to CPPSIS2015 Assist with surveying and spatial field activities.

Application

This unit specifies the skills and knowledge required to assist surveying and spatial information services team members by carrying out field support tasks as directed. It includes clarifying tasks and equipment to be used, identifying and marking surface positions, using and storing tools and equipment and restoring the worksite after task completion.

This unit is suitable for individuals who are operating under supervision and preparing to enter the workforce. They use basic mathematical, cognitive, technical and communication skills to follow instructions and apply appropriate methods, tools, materials and information to undertake defined activities in a restricted range of contexts.

All work must be carried out to comply with workplace procedures, in accordance with relevant state/territory regulations that govern surveying work, as well as work health and safety (WHS) legislation and regulations that apply to the workplace.

The unit supports those who work under direct supervision in a surveying and spatial information services team, in positions relating to field support and administration.

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

Pre-requisite Unit

Nil.

Unit Sector

Surveying and Spatial Information Services

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe what needs to be done to demonstrate achievement of the element.

1 Prepare for field

1.1 Clarify task requirements with supervisor.

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| support tasks. | 1.2 | Select tools and equipment to meet task requirements as instructed. |
| | 1.3 | Identify requirements for safe use of equipment. |
| | 1.4 | Select appropriate safe work methods and personal protective equipment (PPE) for the task. |
| 2 Assist with field support tasks. | 2.1 | Carry out support tasks and report problems according to organisational requirements. |
| | 2.2 | Use tools and equipment according to task and organisational requirements. |
| | 2.3 | Identify and mark surface positions in line with task and organisational requirements. |
| | 2.4 | Take measurements and perform calculations as instructed. |
| | 2.5 | Record clear and accurate measurements that can be interpreted by a third party. |
| | 2.6 | Communicate with colleagues using a communication device. |
| | 2.7 | Seek assistance from supervisor when required. |
| 3 Finalise field support tasks. | 3.1 | Check and record measurements according to organisational requirements. |
| | 3.2 | Assist to restore site as near as practicable to original condition and dispose of waste according to organisational requirements. |
| | 3.3 | Check and store tools and equipment safely according to organisational requirements and manufacturer specifications. |
| | 3.4 | Report unsafe or faulty tools and equipment according to organisational requirements. |

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and is equivalent to CPPSIS2015 Assist with surveying and spatial field activities.

Links

Companion volumes to this training package are available at the VETNet website -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>

Assessment Requirements for CPPSSI2015 Assist with surveying and spatial field activities

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Performance Evidence

To demonstrate competency a candidate must meet the elements and performance criteria of this unit by following organisational procedures and instructions to assist with field support activities in two different surveying and spatial projects.

For each project, a total station and one item from the following list must be used:

- compass
- data recording equipment
- digital or hard copy map
- distance measuring wheel
- level
- measuring instruments
- scientific calculator
- hand-held laser measuring device
- communications device.

Knowledge Evidence

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

- industry-accepted standards and practices for marking surface positions and measuring and recording basic spatial data
- organisational procedures and requirements covering work tasks relating to field projects, including reporting and equipment use and maintenance
- storage procedures for the tools and equipment required in field activities
- site restoration and waste disposal procedures
- work health and safety (WHS) procedures relating to field support activities, including required personal protective equipment (PPE).

Assessment Conditions

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

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting where these skills and knowledge would be performed.

Candidates must have access to:

- equipment
- equipment operating manuals and manufacturer instructions
- organisational procedures and documentation relating to field activities
- supervisor and other appropriate persons for assistance with work tasks.

Links

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