



Australian Government

CPPSIS3017A Select, operate and maintain equipment and supplies

Release 1

CPPSIS3017A Select, operate and maintain equipment and supplies

Modification History

Unit revised and not equivalent to CPPSIS3007A Select, operate and maintain equipment and supplies

Element structure, performance criteria, and critical aspects reviewed to reflect workplace requirements

Skills and knowledge requirements and the range statement updated

Unit Descriptor

This unit of competency specifies the outcomes required to select, operate and maintain equipment and supplies. It requires the ability to read specifications and understand spatial on-site job requirements in relation to the use of equipment and supplies. Functions would be carried out under supervision, often in a team environment, and within organisational guidelines.

Application of the Unit

This unit of competency supports the application of communication, interpersonal, teamwork, technological and basic problem-solving skills. The skills and knowledge acquired upon completion of this unit would support the needs of employees in the surveying and spatial information services (SSIS) industry sector in positions such as field hands, field work coordinators and data collection officers.

Licensing/Regulatory Information

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

Pre-Requisites

Nil

Employability Skills Information

This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.

Performance criteria describe the required performance needed to demonstrate achievement of the element. Where ***bold italicised*** text is used, further information is detailed in the required skills and knowledge and/or the range statement. Assessment of performance is to be consistent with the evidence guide.

Elements and Performance Criteria

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|---|--|-----|---|
| 1 | Select equipment and supplies. | 1.1 | Requirements of the job are clarified with <i>relevant personnel</i> according to <i>organisational guidelines</i> . |
| | | 1.2 | <i>Equipment and supplies</i> are selected and prepared according to task requirements. |
| | | 1.3 | Equipment is checked to ensure it is in safe working order. |
| | | 1.4 | Transport of equipment and supplies is provided, where appropriate. |
| 2 | Use equipment and supplies. | 2.1 | Appropriate equipment is operated to meet task requirement according to <i>manufacturer specifications</i> . |
| | | 2.2 | <i>OHS</i> requirements are adhered to. |
| | | 2.3 | Spatial data is recorded accurately and according to <i>specifications</i> . |
| 3 | Maintain equipment and replenish supplies. | 3.1 | <i>Operational maintenance</i> of equipment, including mechanical problem solving, is undertaken according to organisational guidelines. |
| | | 3.2 | Repair work is organised for unsafe or faulty equipment. |
| | | 3.3 | Tools and equipment are stored safely in an appropriate location according to manufacturer specifications. |
| | | 3.4 | <i>Equipment maintenance plan</i> is maintained. |

Required Skills and Knowledge

This section describes the essential skills and knowledge and their level, required for this unit.

Required skills

- ability to select and use tools and equipment safely and appropriately
- communication skills to:
 - discuss vocational issues effectively with colleagues
 - impart knowledge and ideas through oral, written and visual means
- computer skills
- interpersonal skills e.g. cooperation and flexibility
- literacy skills to:
 - assess and use workplace information
 - read and record data
- numeracy skills to:
 - accurately record and collate
 - undertake basic computations
- organisational skills to:
 - prioritise daily activities
 - maintain records relating to equipment and tool maintenance

Required knowledge

- characteristics, capabilities and limitations of tools and equipment being used
- industry ethics and practices
- OHS requirements
- safe work practices
- work allocation procedures

Evidence Guide

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, the range statement and the Assessment Guidelines for this Training Package.

Overview of assessment	This unit of competency could be assessed on its own or in combination with other units relevant to the job function, for example CPPSIS3016A Provide field support services, and CPPSIS3018A Transfer personnel and loads.
Critical aspects for assessment and evidence required to demonstrate competency in this unit	A person who demonstrates competency in this unit must be able to provide evidence of: • maintaining appropriate equipment and supplies for a range of work situations • operating precision measuring equipment • recording data • knowledge of required equipment and supplies.
Specific resources for assessment	Resource implications for assessment include access to: • assessment instruments, including personal planner and assessment record book • assignment instructions, work plans and schedules, policy documents and duty statements • registered training provider of assessment services • relevant guidelines, regulations and codes of practice • suitable venue and equipment. Access must be provided to appropriate learning and assessment support when required. Where applicable, physical resources should include equipment modified for people with disabilities.
Context of assessment	Holistic: based on the performance criteria, evidence guide, range statement, and required skills and knowledge.
Method of assessment	Demonstrated over a period of time and observed by the assessor (or assessment team working together to conduct the assessment). Demonstrated competency in a range of situations, that may include customer/workplace interruptions and involvement in related activities normally experienced in the workplace. Obtained by observing activities in the field and reviewing induction information. If this is not practicable, observation in realistic simulated environments may be substituted.
Guidance information for assessment	Assessment requires that the clients' objectives and industry expectations are met. If the clients' objectives are narrowly

defined or not representative of industry needs, it may be necessary to refer to portfolio case studies of a variety of surveying and spatial information services requirements to assess competency.

Oral questioning or written assessment and hypothetical situations (scenarios) may be used to assess underpinning knowledge (in assessment situations where the candidate is offered a preference between oral questioning or written assessment, questions are to be identical).

Supplementary evidence may be obtained from relevant authenticated correspondence from existing supervisors, team leaders or specialist training staff.

All practical demonstration must adhere to the safety and environmental regulations relevant to each State or Territory.

Where assessment is for the purpose of recognition (recognition of current competencies [RCC] or recognition of prior learning [RPL]), the evidence provided will need to be authenticated and show that it represents competency demonstrated over a period of time.

In all cases where practical assessment is used it will be combined with targeted questioning to assess the underpinning knowledge.

Assessment processes will be appropriate to the language and literacy levels of the candidate and any cultural issues that may affect responses to the questions, and will reflect the requirements of the competency and the work being performed.

Range Statement

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. ***Bold italicised*** wording in the performance criteria is detailed below. Add any essential operating conditions that may be present with training and assessment depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts.

Relevant personnel may include:

- colleagues
- staff or employee representatives
- supervisors or line managers
- suppliers
- users.

Organisational guidelines may include:

- code of ethics
- company guidelines
- legislation relevant to the work or service function

- manuals
 - OHS policies and procedures
 - personnel practices and guidelines outlining work roles and responsibilities.
- Equipment and supplies*** may include:
- data recording equipment
 - measuring instruments
 - personal computer-based digitising boards
 - tools
 - vehicles.
- Manufacturer specifications*** may include:
- equipment specifications
 - operator manuals.
- OHS*** may include:
- Australian standards
 - development of site safety plan
 - identification of potential hazards
 - inspection of work sites
 - training staff in OHS requirements
 - use of equipment and signage.
- Specifications*** may include:
- budget
 - data capture methods
 - personnel required
 - project deliverables
 - resources needed
 - timelines.
- Operational maintenance*** may include:
- adjusting
 - cleaning
 - lubricating
 - tightening
 - simple repair.
- Equipment maintenance plan*** may include:
- appropriate storage
 - equipment and tool monitoring
 - schedule of regular checks.

Unit Sector(s)

Not applicable.

Custom Content Section

Not applicable.