



Australian Government

Assessment Requirements for CPPSIS4038

Prepare and present GIS data

Release: 1

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Modification History

Release 1.

Replaces superseded equivalent CPPSIS4038A Prepare and present GIS data.

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

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 prepare and present geographic information system (GIS) data for two different projects that use different mediums.

While preparing and presenting the above GIS data, the person must:

- communicate clearly with others to negotiate client requirements, clarify work tasks, and seek feedback to improve display
- access GIS data from a range of sources
- apply data formats and media that ensure compatibility of data and comply with display specifications
- comply with administrative and legal requirements for accessing spatial data, including data privacy and information copyright
- comply with organisational requirements and manufacturer specifications when setting up and using the equipment specified in the assessment conditions
- comply with organisational requirements for:
 - health and safety when using screen-based equipment
 - recording data and completing documentation
- present GIS data that complies with quality requirements relating to:
 - accuracy
 - detail
 - format
 - information
 - meeting client requirements
 - timeframe.

Knowledge Evidence

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

- administrative and legal requirements for accessing and presenting digital and hard copy GIS data, including data privacy and information copyright

- basic purpose and use of metadata, including:
 - availability
 - conditions of use
 - coordinate system
 - currency
 - custodian
 - data accuracy
 - data description
 - date of acquisition
 - licence
 - quality
 - source
 - spatial data acquisition methodologies
 - version control.
- GIS data formats, including:
 - databases
 - digital graphic output
 - hard copy
 - maps
 - nomenclature
 - plans and diagrams
 - spreadsheets
- display principles, including:
 - colour
 - composition
 - font type
 - legends
 - media
 - scale
 - size
 - symbology
 - text and line style
- organisational requirements for preparing and displaying GIS data, including:
 - accuracy and precision
 - Australian drawing standards.

Assessment Conditions

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

- equipment:

- computer with access to suitable software
- hardware, including plotter or printer
- high resolution computer screen
- specifications:
 - organisational policies and procedures relating to:
 - work health and safety
 - data privacy and information copyright
- physical conditions:
 - access to equipped work station
- relationships with team members and supervisor:
 - working in a team.

Timeframe:

- as specified by client and project 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

Companion Volume implementation guides are found in VETNet -

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