



Australian Government

Assessment Requirements for CPPSIS5031 Plan spatial data collection

Release: 1

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Modification History

Release 1.

Replaces superseded equivalent CPPSIS5031A Plan spatial data collection and validation.

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 develop and document a spatial data collection plan that meets client specifications for two different projects.

While developing the above spatial data collection plans, the person must:

- conduct research and consultation to gather information as the basis for scoping spatial data acquisition requirements
- select a preferred spatial data collection method for inclusion in the plan based on evaluation of available options
- apply industry-accepted methods for assessing validity and integrity of spatial data
- apply contingency measures and risk management strategies to the planning process
- comply with organisational requirements for:
 - allocating resources and working within budgetary constraints
 - communicating with clients and spatial data providers
 - recording and reporting information, and completing documentation
 - using the equipment specified in the assessment conditions
 - working safely when using screen-based equipment
- comply with legal requirements relating to client service provision, and accessing spatial data
- exercise precision when archiving, retrieving and managing spatial data.

Knowledge Evidence

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

- legal requirements for accessing, storing, retrieving and archiving digital and hard copy spatial data, including data privacy and information copyright
- methods for assessing and validating spatial datasets and dataset sources
- organisational policies and procedures relating to:
 - budget and resource constraints
 - client service and communication

- completing records and documentation
- using equipment
- work health and safety
- principles of risk management relating to collecting spatial data
- 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
- spatial data capture methodologies
- spatial data formats and structures
- key features of spatial reference systems.

Assessment Conditions

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

- equipment:
 - computer with software appropriate for report development and electronic communication
 - printer
- specifications:
 - organisational policies and procedures relating to data privacy and information copyright
- physical conditions:
 - access to equipped work station
- relationships with team members and supervisor:
 - working in a team
- relationships with clients:
 - client consultation required.

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>