



Australian Government

CPPSSI5040 Source, collate and interpret spatial data

Release: 1

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Modification History

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

This unit supersedes and is equivalent to CPPSIS5040 Interpret and collate spatial data.

Application

This unit specifies the skills and knowledge required to source, interpret and collate spatial data to meet task requirements. The unit includes accessing, querying and interpreting spatial data from various sources to test and determine its relevance and compatibility with task requirements. It also includes the use of geographic information system (GIS) software.

This unit is suitable for skilled surveying technicians and skilled spatial information system (SIS) technicians who use a broad range of cognitive, technical and communication skills to select and apply methods and technologies to analyse information and provide solutions to sometimes complex surveying/spatial information problems.

Surveying and spatial information skills are applied in a range of industry contexts, including town planning, civil construction, mining, engineering, health, agriculture and defence.

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.

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 Source spatial data. 1.1 Clarify spatial data requirements for task in consultation

- with appropriate persons.
- 1.2 Comply with legislative and organisational requirements for accessing and manipulating spatial data according to data privacy, copyright and licensing.
 - 1.3 Retrieve spatial datasets from data storage and other relevant sources according to task and organisational requirements.
- 2 Collate spatial data.
- 2.1 Select appropriate format and data storage option for spatial data according to task and organisational requirements.
 - 2.2 Translate data into appropriate format for storage and collate to meet project requirements.
- 3 Interpret spatial data.
- 3.1 Verify data for integrity and relevance according to task requirements.
 - 3.2 Query data using software application according to task requirements.
 - 3.3 Seek and analyse feedback to identify improvements and adjust to meet task requirements.
 - 3.4 Identify and resolve irregularities in the data using industry-accepted methods.
- 4 Document and present results.
- 4.1 Record the results of the querying process to meet task requirements.
 - 4.2 Present the spatial data in a map or summary table.
 - 4.3 Store spatial data and complete documentation 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 CPPSIS5040 Interpret and collate spatial data.

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>