



Australian Government

Assessment Requirements for CPPSSI5035 Create 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 not equivalent to CPPSIS5035 Obtain and validate spatial data.

Performance Evidence

To demonstrate competency a candidate must meet the elements and performance criteria of this unit by creating and validating three spatial datasets comprising the spatial data types of point, line and polygon.

Each of the spatial datasets must incorporate attribute data and use geoprocessing functions of:

- merge
- clip
- dissolve
- buffer
- intersect
- union.

Knowledge Evidence

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

- spatial data quality features
- AS/NZS ISO 19115-1:2015 Geographic information – Metadata Fundamentals:
 - title
 - identifier
 - abstract
 - time
 - responsible party
 - access, use, security
 - status
 - lineage
 - topic category
 - keywords
- key features of spatial reference systems

- geometry and attributes of spatial datasets
- methods for validating spatial datasets
- reliable source of data
- spatial data types
- spatial data capture methodologies
- spatial data formats and structures
- industry-accepted standards relating to validating spatial data
- metadata standard AS/NZS ISO 19115.1:2015 Geographic information – Metadata Fundamentals.

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:

- computer with appropriate software for spatial data management
- organisational procedures relating to data privacy, copyright and licensing.

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>