



Australian Government

Assessment Requirements for CPPSIS5062 Conduct photogrammetric mapping

Release: 1

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Modification History

Release 1.

Replaces superseded equivalent CPPSIS5062A Conduct photogrammetric mapping.

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 conduct photogrammetric mapping of data images from a range of sources for two different projects.

While conducting the above photogrammetric mapping, the person must:

- analyse project specifications to clarify the types of image data required and the project survey area, which include:
 - aerial photographs
 - other forms of digital data in the horizontal or vertical plane
- develop a project plan and implement project management techniques to plan, schedule, monitor and report on project activities
- apply ground controls for photogrammetric mapping, including:
 - pre-marked targets
 - primary ground control
 - post-marked targets
 - secondary control
- analyse photogrammetric images to calculate information and measure and identify scale
- communicate clearly with others to clarify and negotiate project tasks
- comply with organisational requirements relating to:
 - completing records and documentation
 - health and safety when using screen-based equipment
 - data privacy and information copyright
- identify and resolve constraints and problems with image data
- record and interpret statistics with accuracy and precision
- research and access sources of photogrammetric data
- use a computer and software applications to access, analyse and store photogrammetric data.

Knowledge Evidence

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

- legal and administrative requirements for accessing, using and storing photogrammetric data, including data privacy and information copyright
- organisational policies and procedures relating to:
 - accessing and formatting image data and managing quality
 - health and safety when using screen-based equipment
- possible sources of image data
- properties and characteristics of photogrammetric data used in mapping
- relevant industry requirements and standards relating to photogrammetric mapping
- requirements for ground control in the photogrammetric process
- set out and format requirements for image data
- key features of spatial reference systems relating to photogrammetric mapping.

Assessment Conditions

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

- equipment:
 - computer and software applications appropriate to conducting photogrammetric mapping
- specifications:
 - organisational policies and procedures relating to:
 - work health and safety
 - data privacy and information copyright
 - project specifications
- physical conditions:
 - access to equipped work station
- relationships with team members and supervisor:
 - working in a team.

Timeframe:

- as specified by 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>

