



**Australian Government**

# **Assessment Requirements for CPPSSI5044 Develop subdivision survey designs**

**Release: 1**

# Assessment Requirements for CPPSSI5044 Develop subdivision survey designs

## 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 CPPSIS5044 Develop subdivision survey designs for local government approval.

## Performance Evidence

To demonstrate competency a candidate must meet the elements and performance criteria of this unit by developing two subdivision survey design submissions that comply with criteria for local government approval.

For each subdivision survey design, the candidate must:

- obtain information relating to planned subdivisions by conducting research on:
  - boundary dimensions
  - fixing to boundary corners
  - title
  - local government provisions and restrictions relating to subdivision, zoning, heritage and flooding
  - utilities
  - topographic features
- determine survey controls, land dimensions and corners
- locate features, boundaries, surrounds, cadastral connections and offsets
- identify physical constraints and environmental impacts of planned developments on:
  - drainage
  - easements
  - public reserves
- use surveying data and other relevant information to produce plans, including contours.

## Knowledge Evidence

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

- legislative and industry requirements and standards relating to:
  - local government planning requirements
  - cadastral surveying

- aspects of land and planning law impacting on surveying tasks:
  - common law title
  - community title
  - residential subdivision provisions
  - set-back requirements
  - strata title
  - Torrens title system
- appropriate persons for professional advice
- land tenure systems appropriate to relevant jurisdiction
- local government approval and submission processes relating to subdivision survey design
- possible community issues and repercussions relating to building permits
- reference and coordinate systems for surveying data, including Australian Height Datum and Map Grid of Australia
- road alignment design and associated computations, data capture and set-out methodologies used in surveying
- industry-accepted standards relating to subdivision survey design
- methods for determining availability of existing utilities.

## Assessment Conditions

Assessors must meet 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:

- surveying equipment
- subdivision survey specifications, including relevant surveying, construction or engineering plans and drawings
- relevant legislative and industry requirements and standards relating to cadastral surveying
- local government planning requirements for the jurisdiction
- supervision by a registered surveyor or licensed land surveyor where required by jurisdiction.

## 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>