Assessment Requirements for CPPSIS5049 Plan and implement surveying projects

Release: 1

Assessment Requirements for CPPSIS5049 Plan and implement surveying projects

Modification History

Release 1.

Replaces superseded equivalent CPPSIS5049A Conduct an engineering surveying project.

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 plan and implement two different surveying projects.

While planning and implementing the above surveying projects, the person must:

- analyse standards, specifications and information, including plans and drawings to determine project requirements, including necessary equipment and resources
- analyse the operating environment to ensure adequate equipment and resources
- communicate clearly with clients and stakeholders to clarify and report project information
- comply with organisational and legal requirements for:
    - completing records and documentation
    - recording, storing and filing data
- identify and manage project constraints and problems
- plan and implement risk management and contingency strategies
- prepare and document project reports
- use project management techniques to monitor projects to ensure they are completed within required timeframes and comply with specifications and standards.

Knowledge Evidence

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

- accuracy and precision requirements for surveying data
- data reduction and manipulation techniques
- industry-accepted methods for identifying errors and discrepancies in surveying data
- legislative, statutory and industry requirements and standards relating to work tasks
- methodologies for surveying data capture and data set-out
- organisational policies and procedures relating to:
    - client and stakeholder consultation processes
    - health and safety relating to surveying activities
    - reporting and documentation

Artibus Innovation

- - using and allocating resources
- project management techniques for scheduling, measuring and monitoring work progress and planning for risks and contingencies
- spatial data reference systems used for surveying
- surveying techniques.

Assessment Conditions

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

- equipment:
    - computer, software and ancillary hardware necessary to prepare surveying project reports
- specifications:
    - organisational policies, procedures and documentation relating to work health and safety
    - specifications for a surveying project, including relevant plans and drawings
- 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