



Australian Government

Assessment Requirements for UEECD0029 Plan electrotechnology projects

Release: 1

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Modification History

Release 1. This is the first release of this unit of competency in the UEE Electrotechnology Training Package.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements, performance criteria and range of conditions on at least one occasion and include:

- determining the project requirements accurately
- establishing a project budget
- developing effective workflow strategies
- documenting project plan proposal
- negotiating alterations to the proposed project plan successfully
- obtaining approval of the final plan
- dealing with unplanned events
- accessing, interpreting and applying workplace policies and procedures
- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements and workplace procedures and practices, including the use of risk control measures
- identifying and applying project risk management strategies
- planning electrotechnology projects.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements, performance criteria and range of conditions and include knowledge of:

- electrotechnology project planning and critical path analysis, including:
 - purpose of project planning
 - documents needed to plan a project
 - factors influencing sequence and restraints of project activities
 - critical path analysis encompassing:
 - graphical representation methods
 - methods of representing time/rates
 - purpose of critical path analysis

- essential data
- relational sequence of work activities
- graphical representation methods
- methods of representing time/rates
- monitoring methods
- project risk management strategies
- relevant manufacturer specifications
- relevant WHS/OHS legislated requirements
- relevant workplace policies and procedures.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in suitable workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in suitable simulated workplace operational situations that replicate workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or other simulations
- relevant and appropriate materials, tools, equipment and facilities currently used in industry
- resources that reflect current industry practices in relation to planning electrotechnology projects
- applicable documentation, including workplace procedures, equipment specifications, regulations, codes of practice and operation manuals.

Links

Companion Volume implementation guides are found in VETNet - -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b8a8f136-5421-4ce1-92e0-2b50341431b6>