



Australian Government

Assessment Requirements for UEEIC0050 Plan instrumentation and control 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 and performance criteria on at least two separate occasions and include:

- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements, including:
 - using risk control measures
- determining and adopting project planning techniques
- developing effective workflow strategies
- developing project plan proposal
- documenting project plan proposal
- establishing a project budget estimating plant, material, labour and related costs
- negotiating alterations to proposed project plan
- obtaining approval of the final plan
- obtaining risk management strategies
- preparing to plan project
- reviewing project plan against inputs and rectifying any anomalies.

Knowledge Evidence

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

- control system industry sector customs and practices
- critical path and project analysis
- instrumentation and control project planning
- relevant job safety assessments or risk mitigation processes
- relevant manufacturer specifications
- relevant plant, material, labour and related costs
- relevant WHS/OHS legislated requirements
- relevant workplace documentation, including:
 - design brief specification

- project plan proposal
- relevant workplace quality, instructions, policies and procedures
- risk management strategies.

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 simulated suitable 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 simulations
- relevant and appropriate materials, tools, facilities and equipment currently used in industry
- resources that reflect current industry practices in relation to planning instrumentation and control 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>