



Australian Government

Assessment Requirements for UEECD0055

Write specifications for industrial electronics 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, performance criteria and range of conditions 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 scope of the specification industrial electronics and control projects
- determining the impact of related works.
- developing and documenting specifications
- developing specification in collaboration with relevant person/s
- developing specification incorporating scenarios and requirements
- negotiating alterations to the proposed specification
- obtaining approval of the final specification
- preparing specification requirements
- presenting and discussing specification
- reviewing and adopting techniques for specification writing
- reviewing inputs and rectifying anomalies.

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:

- relevant design professionals, suppliers and manufacturers
- relevant industrial electronics and control engineering specifications
- relevant industry standards
- relevant manufacturer specifications
- relevant research skills
- relevant job safety assessments or risk mitigation processes
- relevant specification inputs and anomalies
- relevant specification writing techniques

- relevant WHS/OHS legislated requirements
- relevant workplace documentation
- relevant workplace instructions, 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 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 writing specifications for industrial electronics and control engineering 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>