



Australian Government

Assessment Requirements for UEECS0004 Commission industrial computer systems

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
- checking and isolating circuits
- checking work to ensure no damage and/or waste to apparatus, environment, materials and services
- commissioning systems in accordance with workplace procedures
- connecting and setting up testing/measuring devices
- dealing with unplanned events in consultation with relevant person/s and job specifications
- consulting with relevant person/s to ensure work is coordinated effectively
- documenting adjustment settings in accordance with workplace procedures
- identifying system performance parameters by reviewing system specifications and component technical data
- measuring and adjusting computer equipment to provide optimum system performance
- obtaining tools, equipment, applications and testing devices required for work
- preparing to commission computer systems
- using sustainable energy practices.

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:

- problem-solving techniques
- relevant commissioning, including:
 - commissioning, planning and documentation
 - purpose of commissioning
 - workplace procedures for commissioning systems

- relevant industrial computer systems
- relevant industry standards
- relevant manufacturer specifications and installation instructions
- relevant materials, apparatus, environment and services
- relevant job safety assessments or risk mitigation processes
- relevant system operating parameters
- relevant tools, equipment, applications and testing/measuring devices
- relevant WHS/OHS legislated requirements
- relevant workplace documentation
- relevant workplace policies and procedures
- sustainable energy principles.

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 commissioning computer systems
- 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>