



**Australian Government**

**Assessment Requirements for UEERS0007  
Install and maintain non-vital screen-based  
control systems**

**Release: 1**

# Assessment Requirements for UEERS0007 Install and maintain non-vital screen-based control systems

## 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:

- reading and interpreting specifications correctly
- installing/maintaining non-vital screen-based control systems to meet operational and technical standards
- using effective fault diagnosis and repair/replacement techniques to a specified level
- confirming equipment operates within specified technical parameters
- using testing equipment, instruments and tools correctly
- following relevant codes of practice, environmental protection procedures and requirements
- completing relevant technical reports, records and documentation
- dealing with unplanned events
- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements, including:
  - implementing workplace procedures and practices
  - using risk control measures
- applying safe working practices and relevant industry standards, codes of practice and rail safety regulations
- applying sustainable energy principles and practices
- planning to install/maintain non-vital screen-based control systems.

## 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:

- non-vital screen-based rail control system installation and maintenance, safe working practices and relevant standards, codes and regulations, including rail signalling and non-vital computer applications
- equipment and their components encompassing:
  - visual display
  - non-vital software

- operating principles and parameters encompassing:
  - normal mode operation via indications
  - failure mode via fault reports and indications
- servicing procedures encompassing:
  - maintenance documentation
  - coordination/planning sequence
  - operational test procedures
  - scheduled/preventative maintenance
  - unscheduled/corrective maintenance
  - rail signalling and computer peripheral application
- equipment and their components encompassing:
  - visual display units
  - keyboards
  - front end processors
  - printers
- operating principles and parameters encompassing:
  - normal mode operation via indications
  - failure mode via fault reports and indications
- servicing procedures encompassing:
  - maintenance documentation
  - operational test procedures
  - scheduled/preventative maintenance
  - unscheduled/corrective maintenance
- relevant job safety assessments or risk mitigation processes
- relevant manufacturer specifications
- relevant WHS/OHS legislated requirements
- relevant workplace policies and procedures
- safe working practices and relevant industry standards, codes of practice and rail safety regulations
- sustainable energy principles and practices.

## 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, facilities, equipment and personal protective equipment (PPE) currently used in industry
- resources that reflect current industry practices in relation to installing/maintaining non-vital screen-based control 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>