



**Australian Government**

**Assessment Requirements for  
UETTDREL21 Operate specialised data  
information equipment near live electrical  
apparatus**

# **Assessment Requirements for UETTDREL21 Operate specialised data information equipment near live electrical apparatus**

## **Modification History**

Release 1. This is the first release of this unit of competency in the UET Transmission, Distribution and Rail Sector 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 the use of risk control measures
- applying sustainable energy principles and practices
- confirming operational knowledge associated with the operation of specialised data information equipment near live electrical apparatus in all of the following:
  - recognition of aerial voltage systems
  - identification of low voltage (LV) aerial circuits
  - identification of high voltage (HV) aerial circuits
  - safe approach distance (SAD) so defined by relevant authorities
  - use of technical standards, acts, regulations, codes, guidelines and established/enterprise/asset owner's procedures
  - vicinity permit – information required and function
- confirming safe practices associated with the operation specialised data information equipment near live electrical apparatus in all the following:
  - WHS/OHS safety practices and procedures
  - electric shock and resuscitation
  - events constituting an incident
  - procedures in the event of/responding to incidents
  - methods of identifying hazards
  - risk assessment procedures
  - constant analysis and decision making relevant to the safety of the work, taking into account prevailing site conditions (lay of the land) and ongoing weather conditions
- confirming the safe deployment in varying conditions, and undertaking pre- and post-operational checks, inspections and minor maintenance of specialised data information equipment in at least three (3) of the following:
  - infra-red and/or digital video camera
  - wireless camera

- telescopic stick
- stills digital cameras
- single lens reflex (SLR) cameras
- computers/personal digital assistant (PDA)
- sonic testing devices
- pneumatic height telescopic cameras
- laser distance measuring equipment
- dealing with unplanned events on at least one (1) occasion.

## 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:

- specialised data information equipment safety requirements encompassing:
  - WHS/OHS principles
  - legal requirements covering WHS/OHS in the workplace
  - requirements for personal safety in the workplace
  - working safely on and around electrical equipment through the application of risk management principles and control measures
  - identification of hazards and risks associated with working on/near live electrical apparatus
  - recognising hazards and WHS/OHS risks
  - implementing emergency procedures for the rescue of an electric shock victim
  - providing emergency first aid for an electric shock victim
  - selecting and using personal protective equipment (PPE)
- specialised data information equipment encompassing:
  - standards, codes, legislation, supply authority regulations and/or enterprise policies and procedures
  - reading and following information on standard operating procedures
  - following verbal instructions
  - identifying specialised data information equipment defects
  - maintaining specialised data information equipment using appropriate techniques
  - safe use of enterprise vehicles
  - operation of specialised data information equipment - pre-operational checks, safe use of specialised data information equipment, safe transporting and storage procedures according to manufacturer/standard operating procedures (SOPs)
  - completing of records, reports and documentation
  - adjustments/alignments to a range of specialised data information equipment
  - routine maintenance requirements of a range of specialised data information equipment
  - safe use of specialised data information equipment

- maintenance and storage of specialised data information equipment.

## 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 workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated conditions involving realistic and authentic activities that replicate operational 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 PPE currently used in industry
- applicable documentation, including workplace procedures, equipment specifications, regulations, codes of practice and operation manuals.

## Links

UET Training Package Companion Volume Implementation Guide is found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=229bace1-b7bc-4653-9300-dffb13ecfad7>