



Australian Government

**Assessment Requirements for
UETDRTS012 Install and replace complex
energy/revenue metering schemes and
associated equipment**

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Modification History

Release 1. This is the first release of this unit of competency in the UET Transmission, Distribution and Rail Sector Training Package Release 2.0.

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
- performing installation and replacement, on at least three (3) occasions, including at least three (3) of the following:
 - high voltage (HV) metering schemes
 - HV zone substation metering schemes
 - HV bulk supply point metering schemes
 - low voltage (LV) summation metering schemes
- performing, on at least three (3) occasions, the installation and replacement of the following:
 - HV current/voltage transformers (including return to service)
 - energy meters
 - associated equipment
- performing, on at least one (1) occasion, the following activity:
 - installation or replacement of a typical HV bulk supply point metering scheme
- 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:

- associated equipment encompassing:
 - summation current transformers, voltage selection relays, auxiliary supply relays, voltage fail relays, fibre optics, data concentrators and in-house displays
- the installation and replacement of complex energy/revenue metering schemes and associated equipment in accordance with enterprise policies and procedures applicable to the work -

impact of work on local network system integrity, substation entry and access requirements, and impacts of isolation on protection and control systems.

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, facilities, equipment and personal protective equipment (PPE) currently used in industry
- applicable documentation, including workplace procedures, relevant industry standards, 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=229bace1-b7bc-4653-9300-dffb13ecfad7>