



Australian Government

Assessment Requirements for UETTDRTS42 Management of energy registration data errors for revenue billing purposes

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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.

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 on at least three (3) occasions, the evaluation of two (2) revenue metering data by:
 - downloading load profile data
 - downloading event logs
 - determining error date and time (including calculating substitution data)
- demonstrating on at least three (3) occasions, the use of at least two (2) different proprietary types of software to interpret the following:
 - alarms
 - meter program/software settings
 - event records
 - power quality records
 - sequence of events records
- performing on at least three (3) occasions, the following:
 - report writing on in-depth analysis
- performing on at least three (3) occasions, the evaluation and/or investigation of the following:
 - energy consumption data
 - registration data
 - current transformer/voltage transformer ratio confirmations
 - on-site load comparisons
 - customer consumption history
- performing on at least two (2) occasions, the following:
 - consultation with customers or their representatives to confirm site consumption patterns and loading

- 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:

- the use of different types of meter manufacturer proprietary software
- common failure modes and the impact on revenue billing
- tariff structures and conditions
- customer segments and commercial and industrial load patterns
- sources of alternative interval data from non-revenue metering systems for use in substitution of revenue data
- metering data substitution estimation and validation procedures for metering types 1-7.

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

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