



Australian Government

**Assessment Requirements for
UETTDRIS61 Install mobile generation set
for synchronised LV Genset**

Release: 1

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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
- operating a generator
- connecting a generator
- disconnecting a generator
- completing all of the following:
 - the synchronising of generator control systems onto the network without interruption to supply
 - the synchronising of generator control systems off the network without interruption to supply
- estimating low voltage (LV) load of the generator
- assessing the appropriateness of the generator
- operating a generator in parallel to a single LV job
- 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:

- safety precautions specific to installing mobile generators, including:
 - safe working practices and procedures
 - techniques in connecting, operating and disconnecting generators
 - types of tools and equipment
 - safe use of tools and equipment
- techniques in the installation of Gensets, including:
 - the synchronising of generator control systems onto and off the network without

- interruption to supply
- estimation of LV load
- assessing the appropriateness of the generator
- operating a generator in parallel to a single LV job, including:
 - overhead systems
 - indoor systems
 - customer installations
 - kiosk substations
 - LV genset and control system to LV distribution assets.

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 for installing mobile generation sets for synchronised LV Genset
- 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>