



Australian Government

Assessment Requirements for UEPOPS099 Operate and monitor generator/alternator

Release: 1

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Modification History

Release 1. This is the first release of this unit of competency in the UEP Electricity Supply Industry – Generation Sector Training Package Release 2.0.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements and performance criteria on at least two separate occasions and include:

- analysing generator and/or alternator plant faults using data analysis techniques and tools
- applying work health and safety (WHS)/occupational health and safety (OHS) requirements, including:
 - emergency procedures
 - risk control measures
 - safe working practices
- communicating with personnel
- completing documentation using recording procedures
- identifying generator and/or alternator plant status
- implementing regulations, legislative requirements, industry standards, codes of practice and manufacturers' specifications
- interpreting manuals
- monitoring and inspecting generator and/or alternator plant operations, including adjusting generator and/or alternator voltage, frequency and power factors, and site target values
- operating a generator and/or alternator unit
- organising resources
- preparing and planning work
- recognising and responding to abnormal generator and/or alternator plant operating conditions
- testing generator and/or alternator plant operationally using diagnostic and testing techniques
- working with generator and/or alternator plant and/or equipment
- working with permit to work system.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements and performance criteria and include knowledge of:

- abnormal generator and/or alternator behaviour

- generator and/or alternator plant and equipment, location and operating parameters, including types and characteristics
- generator and/or alternator voltage, frequency and power factors, and site target values
- manuals
- permit to work system
- regulations, legislative requirements, industry standards, codes of practice and manufacturers' specifications
- WHS/OHS legislated requirements, including:
 - emergency procedures
 - risk control measures
 - safe working practices
- workplace documentation
- workplace policies and procedures.

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 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, equipment and personal protective equipment (PPE) currently used in industry
- 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=1715b9fa-e7bd-441c-bb8d-cf22c9c825a8>