



**Australian Government**

# **Assessment Requirements for UEERE0001**

## **Apply environmentally and sustainable procedures in the energy sector**

**Release: 1**

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## **Modification History**

Release 1. This is the first release of this unit of competency in the UEE Electrotechnology 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) and environmental requirements
- applying sustainable energy principles and work practice in daily work activities
- completing relevant workplace documentation
- coordinating work with others
- identifying and obtaining materials required for work
- identifying environmental risks and resource efficiency issues
- dealing with unplanned events in accordance with workplace procedures in a manner that minimises risk to personnel, equipment and environment
- demonstrating the application of environmental and sustainable procedures in the energy sector, including:
  - undertaking an energy assessment
  - selecting energy efficient methods and components
  - reviewing environmentally and sustainable procedures and documenting suggestions for improvements to relevant person/s
  - obtaining approval from appropriate personnel before any contingencies are implemented.

## **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:

- sustainable work practices, including:
  - economic benefits of sustainable initiatives
  - effects of neglecting sustainable work practice
  - international and national greenhouse imperatives
  - legislative requirements

- notion of sustainable work practice
- the greenhouse effect - causes and consequences
- the role of regulators and similar bodies
- techniques for reducing carbon produced energy and hence greenhouse gases, including:
  - domestic, commercial and industrial strategies
  - energy efficient retrofits (overview)
  - renewable energy (RE) technologies (overview)
- trade-related technologies and methods
- relevant risk mitigation processes
- relevant WHS/OHS legislated requirements
- relevant workplace documentation
- relevant 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 technology currently used in industry
- applicable documentation, including workplace procedures, equipment specifications, regulations, relevant industry standards, codes of practice and operation manuals.

## Links

Companion Volume implementation guides are found in VETNet - -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b8a8f136-5421-4ce1-92e0-2b50341431b6>