



Australian Government

Assessment Requirements for UEP OPS251 Conduct routine wind turbine maintenance

Release: 1

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Modification History

Release 1. This is the first release of this unit of competency in the UEP Generation Training Package.

Performance Evidence

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

- acquiring and analysing information related to wind turbine maintenance
- 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 work
- complying with legislation, industry standards, codes of practice and regulations
- conducting routine wind turbine maintenance
- interpreting manufacturers' specifications and manuals
- maintaining and retrieving records
- performing isolations
- planning and preparing for work including identifying and selecting materials
- storing and maintaining tools and equipment
- utilising routine wind turbine maintenance techniques
- 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, performance criteria and range of conditions and includes knowledge of:

- acquiring and analysing wind turbine information
- equipment and materials required for maintenance work
- isolations
- legislation, industry standards, codes of practice and regulations

- maintenance and retrieval of records
- manufacturers' specifications and manuals
- permit to work system
- routine wind turbine maintenance techniques
- typical arrangements of wind farm power plant
- WHS/OHS legislated requirements including:
 - emergency procedures
 - risk control measures
 - safe working procedures
- wind farm principles including wind turbine types and characteristics
- wind turbine plant and equipment, its location and operating parameters
- workplace documentation
- workplace policies and procedures

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the Standards for Registered Training Organisations current at the time of assessment.

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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.

Assessment must occur in workplace operational situations. Where this is not appropriate, assessment must occur in simulated workplace operational situations that reflect workplace conditions.

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 currently used in industry
- applicable documentation including workplace procedures, 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=1715b9fa-e7bd-441c-bb8d-cf22c9c825a8>