



Australian Government

Assessment Requirements for UEPMNT315 Maintain wind turbines

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:

- applying Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) requirements including:
 - emergency procedures
 - identifying hazards
 - risk control measures
 - safe working practices
- collecting and interpreting data
- communicating with personnel
- completing work as per scheduling requirements
- determining permit to work
- diagnosing and testing wind turbine and components
- disassembling wind turbines using removal and replacement techniques and procedures inspecting wind turbine components
- implementing legislation, industry standards, codes of practice and regulations
- interpreting manufacturers' specification and manuals
- maintaining wind turbines using maintenance techniques and procedures
- planning for wind turbine maintenance work
- recognising worn, damaged or faulty components
- repairing wind turbine or components

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:

- data recording techniques
- diagnostic and testing techniques
- isolations

- legislation, industry standards, codes of practice and regulations
- manufacturers' specifications and manuals
- permit to work system
- typical arrangements of a power production plant
- wind turbine types and characteristics
- wind turbine's main components
- wind turbines, plant and equipment, and its location
- WHS/OHS legislated requirements including:
 - emergency procedures
 - identifying hazards
 - risk control measures
 - safe working practices
- 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.education.gov.au/Pages/TrainingDocs.aspx?q=1715b9fa-e7bd-441c-bb8d-cf22c9c825a8>