



Australian Government

**Assessment Requirements for UEPMNT371
Maintain large scale wind turbine
generators**

Release: 1

Assessment Requirements for UEPMNT371 Maintain large scale wind turbine generators

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
 - hazard identification
 - risk control measures
 - safe working practices including working in high wind velocity
- assembling and dismantling wind turbine generator equipment and components
- communicating with personnel
- completing documentation after maintenance activities
- completing work as per scheduled requirements
- conducting diagnostic testing using which may include use of a diagnostic computer
- conducting maintenance
- determining permit to work requirements
- identifying faults in wind turbine generator equipment and components
- implementing legislation, industry standards, codes of practice and regulations
- interpreting data
- planning for maintenance of large scale wind turbine generator work
- reading maintenance schedules and service checklists
- using manufacturers' specifications and manuals

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:

- legislation, industry standards, codes of practice and regulations
- manufacturers' specifications and manuals

- permit to work system
- safe working practices including working in high wind velocity
- typical arrangements of, power production plant
- WHS/OHS legislated requirements including:
 - emergency procedures
 - hazard identification
 - risk control measures
- wind turbine generator plant and equipment, its location and operating parameters
- wind turbine generator plant status
- wind turbine generator, types and characteristics
- 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>