



Australian Government

UEPMNT202 Carry out routine work activities in an ESI large scale wind generation environment

Release: 1

UEPMNT202 Carry out routine work activities in an ESI large scale wind generation environment

Modification History

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

Application

This unit involves the skills and knowledge required to undertake scheduled routine work activities in the Electricity Supply Industry (ESI) - large scale wind generation environment.

Routine work activities can include undertaking tasks such as the operation of non-critical plant systems, lubricating plant, performing minor maintenance on electrical and mechanical equipment, cleaning plant, performing warehousing stock duties and operating mobile load shifting equipment.

Competency in this unit requires the ability carry out routine work activities in an electrical supply generation environment - wind. Individuals will work, under supervision, as a maintenance operative in a power generation facility.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Note: Workplace practice

The application of the skills and knowledge described in this unit may require a licence or training permit to practice in the workplace where work is carried out on gas and electrical installations. Additional conditions may apply under state and territory legislative and regulatory licensing requirements.

Pre-requisite Unit

There are no prerequisite units.

Competency Field

Maintenance

Unit Sector

Electricity generation

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

1 Prepare to undertake routine work activities

- 1.1** Instructions for work activities are identified and confirmed, in accordance with workplace procedures
- 1.2** Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) policies and procedures are identified and confirmed for use, in accordance with workplace procedures
- 1.3** Tools, equipment and personnel protective equipment are identified and checked to ensure they are safe to use, in accordance with workplace procedures
- 1.4** Resources and materials are identified and obtained, in accordance with workplace procedures
- 1.5** Schedule of work, including practices for working safely such as use of Safety Data Sheets (SDS)/Material Safety Data Sheets (MSDS) and manual handling techniques, are confirmed, in accordance with workplace procedures

2 Carry out work activities

- 2.1** Hazards are identified and risk controls are implemented, in accordance with workplace procedures
- 2.2** Schedule of work is followed, in accordance with workplace procedures, to ensure work activities are completed to an agreed time frame, quality standard and minimum of waste
- 2.3** Workplace procedures and practices, applicable to electricity supply by wind generation are applied
- 2.4** Instructions are sought, if required, from appropriate personnel, in accordance with workplace procedures, in the event of unplanned events
- 2.5** Regular checks of work quality are undertaken, in accordance with workplace procedures

3 Check completed work activities

- 3.1** Appropriate personnel are notified of task completion, in accordance with workplace procedures
- 3.2** Tools, equipment, surplus resources and materials are cleaned, checked and returned to storage, in accordance

with workplace procedures

- 3.3 Work area is cleaned up and made safe, in accordance with workplace procedures, using sustainable energy practices
- 3.4 Records are updated, in accordance with workplace procedures

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to UEPMNT202A Carry out routine work activities in an ESI large scale wind generation environment.

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1715b9fa-e7bd-441c-bb8d-cf22c9c825a8>

Assessment Requirements for UEPMNT202 Carry out routine work activities in an ESI large scale wind generation environment

Modification History

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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
- carrying out routine work activities including servicing and maintenance tasks
- checking results
- communicating with personnel
- completing work
- complying with legislation, industry standards, codes of practice and regulations
- interpreting manufactures' specifications and manuals
- performing routine activities using Safety Data Sheets (SDS)/Material Safety Data Sheets (MSDS)
- preparing to undertake routine work activities
- using tools, resources, materials and personal protective equipment
- working with maintenance schedules

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
- maintenance schedules
- manufacturers' specifications and manuals workplace documentation
- routine work activities including servicing and maintenance tasks
- Safety Data Sheets (SDS)/Material Data Safety Sheets (MSDS)

- tools, resources, materials and personal protective equipment
- WHS/OHS legislated requirements including:
 - emergency procedures
 - identifying hazards
 - risk control measures
 - safe working practices
- wind generation, types and characteristics
- 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.

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

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

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