



Australian Government

UEPOPS358 Monitor and maintain wind farm civil assets

Release: 1

UEPOPS358 Monitor and maintain wind farm civil assets

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 monitor and conduct preventative and remedial maintenance to ensure the integrity of civil assets associated with a wind farm.

Wind farm civil assets include infrastructure such as water treatment facilities, sewer pipelines, roads, utility grids, bridges, tunnels and railways. Civil asset maintenance in a wind power generation system involves the use of strategies to preserve and extend the service life of infrastructure.

Competency in this unit requires the ability to plan work, monitor wind farm civil assets, maintain wind farm civil assets and complete all work. Individuals will, in general, work as an operator, in a power generation facility.

Power generation plant operators are typically trained and authorised to isolate, prepare plant and issue permits to work.

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

Operations

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 Plan and prepare for work

- 1.1** Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) standards, legislative requirements, industry standards, codes of practice, manufacturers' specifications, environmental obligations and workplace procedures are identified, applied and monitored
- 1.2** Work requirements are identified from work orders and are confirmed with appropriate personnel or by site inspection, in accordance with workplace procedures
- 1.3** Resources to satisfy work requirements are identified, obtained and inspected for compliance, in accordance with workplace procedures
- 1.4** Potential hazards are identified and risk control measures are selected and implemented, in accordance with workplace procedures
- 1.5** Work is sequenced and prioritised, in accordance with workplace procedures and site requirements

2 Monitor wind farm civil assets

- 2.1** Inspections of wind farm civil assets are completed, in accordance with workplace procedures and site requirements
- 2.2** Inspections of wind farm civil assets are reported, in accordance with workplace procedures and site requirements
- 2.3** Defects in wind farm civil assets are reported, in accordance with workplace procedures and site requirements

3 Maintain wind farm civil assets

- 3.1** Maintenance of wind farm civil assets is undertaken, in accordance with workplace procedures and site requirements
- 3.2** Appropriate tools, equipment or plant required to maintain wind farm civil assets is utilised, in accordance with workplace procedures and manufacturers' specifications

- 3.3 Defects are repaired, in accordance with workplace procedures and site requirements
- 4 Complete work**
 - 4.1 Maintenance work is completed and appropriate personnel are notified, in accordance with workplace procedures
 - 4.2 Work area is cleared of waste, cleaned, restored and secured, in accordance with workplace procedures
 - 4.3 Wind farm civil asset maintenance tools and equipment are maintained and stored, in accordance with manufacturers' specifications and workplace procedures
 - 4.4 Work completion details are finalised, 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 UEPOPS358A Monitor and maintain wind farm civil assets.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1715b9fa-e7bd-441c-bb8d-cf22c9c825a8>