



**Australian Government**

# **UETDRDO001 Inspect overhead poles, structures and electrical apparatus**

**Release: 1**

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## **Modification History**

Release 1. This is the first release of this unit of competency in the UET Transmission, Distribution and Rail Sector Training Package Release 2.0.

## **Application**

This unit involves the skills and knowledge required to inspect overhead poles, structures and electrical apparatus in the electricity supply industry (ESI).

It includes visual inspection of poles and structures above ground, overhead conductors and cables, underground to overhead transition points, electrical apparatus, hardware and earthing systems.

It also includes identifying and reporting defects.

The application of the skills and knowledge described in this unit may require a licence/registration to practice in the workplace.

Other conditions may also apply under state and territory legislative and regulatory licensing requirements which must be confirmed prior to commencing this unit.

## **Pre-requisite Unit**

UEECD0007 Apply work health and safety regulations, codes and practices in the workplace

UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications

UETDREL001 Apply environmental requirements

UETDREL005 Work safely in the vicinity of live electrical apparatus

## **Competency Field**

Distribution Overhead

## **Unit Sector**

Not applicable.

## 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 inspect overhead poles, structures, and electrical apparatus**

- 1.1** Legislation, regulations, standards, codes of practice and organisational workplace requirements for the work to be performed are referred to and confirmed
- 1.2** Work plan is obtained and confirmed in accordance with workplace requirements
- 1.3** Plant, tools, equipment and personal protective equipment (PPE) required for work are determined, obtained and confirmed in working order
- 1.4** Hazards are identified, risks assessed and control measures identified and applied
- 1.5** Work is prioritised and sequenced for completion in accordance with work plan and workplace requirements
- 1.6** Liaison and communication with stakeholders is carried out in accordance with workplace requirements
- 1.7** Worksite is prepared in accordance with the work plan and workplace requirements
- 1.8** Traffic management plan is confirmed as being in place in accordance with workplace requirements

#### **2 Inspect overhead poles, structures and electrical apparatus**

- 2.1** Legislation, regulations, standards, codes of practice and organisational workplace requirements for the work to be performed are applied and monitored
- 2.2** Climbing, working at heights and the use of plant, tools, equipment and PPE are carried out in accordance with workplace requirements
- 2.3** Hazard control measures are monitored in accordance with workplace requirements
- 2.4** Poles, structures and electrical apparatus are visually inspected in accordance with the work plan and workplace requirements
- 2.5** Inspection results are recorded in accordance with

workplace requirements

**2.6** Incidents or unplanned events are responded to in accordance with workplace requirements

### **3 Complete work and documentation**

**3.1** Completed work is checked for compliance against the work plan and workplace requirements

**3.2** Incidents or unplanned events are reported in accordance with workplace requirements

**3.3** Worksite is rehabilitated, cleaned and made safe in accordance with workplace requirements

**3.4** Plant and equipment are cleaned, checked and returned to storage in accordance with workplace requirements

**3.5** Work records, reports and documentation are completed in accordance with workplace requirements

## **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 UET Transmission, Distribution and Rail Sector Training Package Companion Volume Implementation Guide.

## **Unit Mapping Information**

This unit replaces and is equivalent to UETDRDP11 Inspect overhead poles-structures and electrical apparatus.

## **Links**

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=229bace1-b7bc-4653-9300-dffb13ecfad7>