



**Australian Government**

**UETTD RTP30 Inspect transmission  
overhead structures and electrical  
apparatus**

**Release: 1**

# **UETTD RTP30 Inspect transmission overhead structures and electrical apparatus**

## **Modification History**

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

## **Application**

This unit covers the inspection requirements of overhead structures, such as towers and electrical apparatus. Overhead structures include towers and overhead conductors and/or cables, including underground and overhead transition points, electrical equipment, hardware and/or earthing systems. It also includes the completion of inspection reports and other relevant documentation in accordance with requirements.

The application of the skills and knowledge described in this unit may require a licence/registration to practice in the workplace subject to regulations for undertaking of electrical work.

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

## **Pre-requisite Unit**

Common Unit Group

UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace

UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications

UETTDREL11 Apply sustainable energy and environmental procedures

UETTDREL16 Working safely near live electrical apparatus

## **Competency Field**

Transmission

## **Unit Sector**

Not applicable.

## Elements and Performance Criteria

### ELEMENTS

Elements describe the essential outcomes.

#### 1 Prepare for the inspection of overhead structures and electrical apparatus used on towers

### PERFORMANCE CRITERIA

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

- 1.1 Work schedules, including drawings, plans, requirements, established procedures and material lists, are received, analysed and confirmed, as necessary, by site inspection
- 1.2 Relevant requirements and established procedures for the work are communicated to all personnel and identified for all worksites
- 1.3 Work health and safety (WHS)/occupational health and safety (OHS) policies and procedures related to requirements and established procedures for the inspection of overhead structures and electrical apparatus used on towers are obtained and understood for the purposes of the work to be performed
- 1.4 Work is prioritised and sequenced following consultation with others for completion within acceptable timeframes and in accordance with established procedures
- 1.5 Hazards are identified, WHS/OHS risks assessed and control measures prioritised, implemented and monitored, including emergency exits kept clear, according to established procedures
- 1.6 Relevant work permits are obtained to access and perform work according to requirements and/or established procedures
- 1.7 Resources, including personnel, equipment, tools and personal protective equipment (PPE), required for the job are identified, scheduled and obtained and confirmed safe and in working order
- 1.8 Relevant personnel at worksite are confirmed current in first aid, tower/pole top rescue and other related work procedures according to requirements
- 1.9 Liaison and communication issues with others/authorised personnel, authorities, clients and land owners are resolved to carry out work



- 3.2 Accidents and/or injuries are reported in accordance with requirements/established procedures
- 3.3 Worksite is rehabilitated, cleaned up and made safe in accordance with established procedures
- 3.4 Tools, equipment and any surplus resources and materials are, where appropriate, cleaned, checked and returned to storage in accordance with established procedures
- 3.5 Relevant work permits are signed off and overhead structures and electrical apparatus used on towers are returned to service in accordance with requirements
- 3.6 Work completion records, reports, as installed//modified drawings and/or documentation and information are finalised and processed and appropriate personnel notified

## 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 UETDRTP30A Inspect transmission overhead structures and electrical apparatus.

## Links

UET Training Package Companion Volume Implementation Guide is found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=229bace1-b7bc-4653-9300-dffb13ecfad7>