



Australian Government

UETDRAI005 Use asset inspection equipment

Release: 1

UETDRAI005 Use asset inspection equipment

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 use asset inspection equipment in the electricity supply industry (ESI).

It includes selecting and using asset inspection equipment to identify the condition of above ground overhead assets.

It also includes interpreting and recording information from asset inspection equipment.

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

UETDREL002 Comply with environmental requirements

UETDREL006 Work safely in the vicinity of live electrical apparatus as a non-electrical worker

Competency Field

Asset Inspection

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

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

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| 1 Prepare to use asset inspection equipment | <ul style="list-style-type: none">1.1 Legislation, regulations, standards, codes of practice and organisational workplace requirements for the work to be performed are referred to and confirmed1.2 Work plan is obtained and confirmed in accordance with workplace requirements1.3 Tools, equipment and personal protective equipment (PPE) required for are determined, obtained and confirmed in working order1.4 Hazards are identified, risks assessed and control measures identified and applied1.5 Work is prioritised and sequenced for completion in accordance with work plan and workplace requirements1.6 Liaison and communication with stakeholders is carried out in accordance with workplace requirements1.7 Worksite is prepared in accordance with the work plan and workplace requirements1.8 Traffic management plan is confirmed as being in place in accordance with workplace requirements |
| 2 Use asset inspection equipment | <ul style="list-style-type: none">2.1 Legislation, regulations, standards, codes of practice and organisational workplace requirements for the work to be performed are applied and monitored2.2 Lifting, working at heights and the use of tools, equipment and PPE are carried out in accordance with workplace requirements2.3 Hazard control measures are monitored in accordance with workplace requirements2.4 Asset inspection equipment is used in accordance with manufacturer instructions and workplace requirements2.5 Incidents or unplanned events are responded to in accordance with workplace requirements |
| 3 Complete work and documentation | <ul style="list-style-type: none">3.1 Completed work is checked for compliance against the work plan and workplace requirements3.2 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 Tools and equipment are cleaned, checked and returned to storage in accordance with workplace requirements
- 3.5 Work records, reports and documentation are completed, and appropriate personnel notified 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 UETTDREL17 Operate asset inspection machinery and equipment near live electrical apparatus.

Links

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

Assessment Requirements for UETDRAI005 Use asset inspection equipment

Modification History

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least two separate occasions and include:

- applying relevant legislation, regulations, standards, codes of practice and organisational workplace requirements, including:
 - work health and safety (WHS)/occupational health and safety (OHS)
 - safe approach distances
- identifying hazards, assessing risks, identifying, applying and monitoring control measures
- obtaining, inspecting and using relevant personal protective equipment (PPE)
- selecting, inspecting, using and storing asset inspection equipment
- interpreting and recording inspection results
- dealing with an unplanned event on at least one (1) occasion
- completing relevant work records, reports and documentation.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- relevant legislation, regulations, standards, codes of practice, and organisational workplace requirements, including:
 - WHS/OHS
 - safe approach distances
 - working safely with asset inspection equipment
- hazard, risk assessment and risk control requirements, including potential hazards
- types and application of PPE
- safe use of plant, tools and equipment
- events constituting an unplanned event or incident
- procedures for responding to an unplanned event or incident
- asset inspection equipment, including:
 - types

- selection
- operation and characteristics
- calibration
- handling
- maintenance
- storage
- procedures for interpretation and recording of results.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in workplace operational situations, where it is appropriate to do so.

Where this is not appropriate, assessment must occur in simulated conditions involving realistic and authentic activities that replicate operational workplace conditions.

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.

Resources for assessment must include access to:

- relevant and appropriate tools, equipment and PPE currently used for asset inspection
- applicable documentation, including workplace requirements, equipment specifications, regulations, codes of practice, operator manuals and manufacturer manuals.

Links

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