



Australian Government

UETDRIS006 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs

Release: 1

UETDRIS006 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs

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 implement and monitor the power system environmental and sustainable energy management policies and procedures in the electricity supply industry (ESI).

It includes collecting, interpreting and applying environmental management information, identifying environmental impacts, assessing risks and establishing best practice procedures for implementation of management plans to ensure compliance. It also includes monitoring policies and plans and developing modifications as part of the review process.

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

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

Pre-requisite Unit

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

UETDREL005 Work safely in the vicinity of live electrical apparatus

Competency Field

Industry Specific Cross Discipline

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 Plan to implement and monitor organisational WHS/OHS policies, procedures and programs

- 1.1** Relevant workplace documentation is identified, analysed and work preparation required for planning and coordination determined
- 1.2** Relevant requirements and workplace procedures are communicated to all personnel and identified for all worksites
- 1.3** Hazards are identified, work health and safety (WHS)/occupational health and safety (OHS) risks assessed and control measures are prioritised, implemented and monitored to ensure work safe systems are followed in accordance with workplace procedures
- 1.4** Work is prioritised and sequenced for efficient and effective outcome following consultation with relevant personnel for completion within agreed timeframes, to standard and in accordance with workplace procedures
- 1.5** Risk control measures are identified, prioritised, implemented and evaluated in accordance with work schedule
- 1.6** Relevant work permits are confirmed and signed in accordance with requirements and/or workplace procedures
- 1.7** Resources, personnel, equipment, tools and personal protective equipment (PPE) required for the job are identified, scheduled, coordinated and confirmed in safe and technical working order
- 1.8** Potential issues in communicating with relevant person/s, authorities, clients and landowners are identified, resolved and work activities planned and coordinated
- 1.9** Worksite is prepared in accordance with the work schedule to minimise WHS/OHS risk, damage to property, commerce and individuals in accordance with workplace procedures
- 1.10** Personnel and contractors participating in work are fully briefed and responsibilities authorised and coordinated in accordance with workplace procedures

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| | 1.11 | Traffic management plan is confirmed as being applied in accordance with workplace procedure |
| 2 Carry out the implementation and monitoring of organisational WHS/OHS policies, procedures and programs | 2.1 | WHS/OHS and sustainable energy principles and practices are implemented and monitored to reduce workplace incidents and minimise waste in accordance with job requirements and workplace procedures |
| | 2.2 | Relevant worksite personnel are confirmed current in first aid and rescue-related work in accordance with job requirements and workplace procedures |
| | 2.3 | Lifting, climbing, working in confined spaces, working at heights, using power tools and equipment techniques and practices are followed safely in accordance with requirements and workplace procedures |
| | 2.4 | Hazard warnings and safety signs are recognised, hazards assessed, WHS/OHS risk control measures implemented and monitored and/or appropriate authorities consulted, as required, in accordance with requirements and workplace procedures |
| | 2.5 | Remedial actions are taken to overcome shortfalls encountered in the work schedule in accordance with job requirements and workplace procedures |
| | 2.6 | Participative arrangements for the systematic management of WHS/OHS policies, procedures, programs and issues are implemented and monitored in accordance with work schedule, job requirements and workplace procedures |
| | 2.7 | Participative arrangements for the systematic management of WHS/OHS policies, procedures, programs and issues are implemented and monitored to ensure completion in agreed timeframe, to quality standards with a minimum of waste in accordance with job requirements |
| | 2.8 | Solutions to non-routine problems are identified and applied in accordance with requirements |
| | 2.9 | Quality of work checks are undertaken in accordance with job requirements and workplace procedures and to a community/industry standard |

3 Complete implementation and monitoring of organisational WHS/OHS policies, procedures and programs

- 3.1** Work is checked against work schedule for conformance with job requirements, anomalies reported and solutions identified in accordance with workplace procedures
- 3.2** Accidents, incidents and/or injuries are reported in accordance with requirements and workplace procedures
- 3.3** Worksite is rehabilitated, cleaned up and confirmed safe in accordance with workplace procedures
- 3.4** Tools, equipment and surplus resources and materials are cleaned, checked and returned to storage in accordance with workplace procedures
- 3.5** Relevant work permit/s are signed off, work completed/returned to service and client/customer advised in accordance with job requirements
- 3.6** Work completion records, reports and information are confirmed, processed and relevant person/s 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 UET Transmission, Distribution and Rail Sector Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to UETTDRI62 Implement and monitor the power system organisational WHS OHS policies, procedures and programs.

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 UETDRIS006 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs

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.

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 work health and safety (WHS)/occupational health and safety (OHS) requirements, including the use of risk control measures
- applying sustainable energy principles and practices
- implementing and monitoring the power system organisational WHS/OHS policies, procedures and programs using all of the following:
 - relevant WHS/OHS Acts
 - regulations
 - codes of practice
- demonstrating all of the following:
 - application of organisation management systems and procedures to WHS/OHS
 - organisation's procedures for maintaining WHS/OHS records
- performing all of the following applications of risk management procedures:
 - undertake hazard identification
 - risk assessment and risk control in accordance with the hierarchy of control
 - application of the characteristics of the workforce impacting on the management of WHS/OHS
- demonstrating all of the following implementation and monitoring procedures:
 - provision of relevant information to the workgroup about WHS/OHS and the organisation's WHS/OHS policies, procedures and programs
 - participative arrangements for the management of WHS/OHS
 - organisation's procedures for identifying hazards and assessing risks
 - organisation's procedures for controlling risks
 - organisation's procedures for dealing with hazardous events
 - organisation's procedure for providing WHS/OHS training
- dealing with unplanned events on at least one (1) occasion.

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:

- safe working practices and procedures for the installation of overhead distribution conductors, including:
 - limits of approach for personnel, vehicles, mobile plant and elevated work platforms (EWP)
 - requirements of persons prior to making bare hand contact with dead low voltage (LV) mains and apparatus
 - requirements of relevant electrical access permits necessary to allow work to be performed on LV and high voltage (HV) apparatus
 - safe working practices - requirements to enable safe working on conductive poles, procedure to attach an on-site earthing device to de-energised LV and HV overhead circuit
- powerline safety practices, including:
 - protective apparatus and apparel for linework - responsibilities for the selection, use, maintenance and storage of protective apparatus and apparel; and the types of protective apparatus and apparel used for the line worker
 - requirements for the use of ladders - carrying, erecting, collapsing and lowering different types of extension ladder against a standing pole; maintenance checks on different types of ladders; renewal of extension ropes; and the safety issues relating to clearances from overhead conductors
 - requirements for climbing and working aloft - methods used to identify a pole is safe to climb; methods used to inspect a line worker's body belt; application of knots and hitches appropriate to the requirements of a line worker; height safety principles; including personal fall protection, prevention and related requirements; and the practical procedures of climbing an overhead structure and fitting a pole chair
 - traffic management - purpose of traffic management and a line worker's responsibilities in accordance with relevant statutory requirements and electricity supply industry (ESI) requirements, procedures used to provide an effective traffic management scheme and the use of a two-way radio
 - control of small fires - identification, selection and operation of the appropriate extinguishing mediums for various types of fires; general fire prevention methods; and the precautions for personal protection when fighting small fires
 - rescue victims from heights and confined spaces - planning and identifying procedures; establishing responses; developing techniques; involvement of external emergency services; and emergency procedures for the rescue of an electric shock victim, including cardiopulmonary resuscitation (CPR)
 - requirements for aerial linework - planning, establishing and implementing relevant aviation authority clearances; determining system requirements; aircrew familiarisation with network operations and equipment; and requirements for effective communications operations for aerial work
- implementation and monitoring requirements for powerline safety, including:
 - identification of relevant legislation, codes and government guidelines for the

- implementation and monitoring of WHS/OHS in the workplace -
Commonwealth/state/territory legislation relevant to the workplace and the meaning of
general duty of care under WHS/OHS legislation and common law
- workplace WHS/OHS enterprise plan - responsibilities of each member of the work team,
review process for changing/improving WHS/OHS safety plan, and standing instructions
for the systematic management of WHS/OHS in the workplace
- relationship between the WHS/OHS committee and employees - methods used to collate
and distribute/disseminate WHS/OHS information; staff development activities and
legislation requirements with regards to WHS/OHS training; methods of addressing
barriers, such as literacy and cultural differences; and provisions relating to WHS/OHS
issue resolution
- hazards associated with powerline industry - identification of hazards in the workplace,
processes used and contributing factors to a hazardous situation, assessment of risks and
control of WHS/OHS risks (risk management), the hierarchy of control and monitoring of
risk control measures
- risk assessment and its management in powerline industry - principles and purposes of
risk management; processes for conducting risk assessment, including, risk analysis and
risk evaluation activities for selecting and implementing appropriate options for
eliminating or minimising risk
- maintenance strategies for WHS/OHS programs - developing processes for promoting,
maintaining and improving WHS/OHS in the workplace; identifying techniques for
evaluating and reviewing WHS/OHS education and training programs; elements of an
effective WHS/OHS management system; and WHS/OHS consultation and
accident/incident investigations
- enterprise-specific policies and procedure instructions, including:
 - responsibilities and duty of care of employer and employee relationship
 - methods of obtaining the up-to-date information on enterprise policies and procedures
 - rules and regulations, induction into workplace - location of work area and storage area,
timetable, uniform, personal wellbeing, housekeeping rules, emergency procedures and
evacuation procedures
 - techniques when dealing with others - working in teams, customer relation, complaint and
issues procedures
 - overview of enterprise professional development - firefighting procedures, fatigue
management, and training and competency development - understanding and promotion
- enterprises-specific WHS/OHS instructions, including:
 - standards, codes, legislation, supply authority regulations and specific enterprise
regulations pertaining to WHS/OHS policies and procedures
 - methods of obtaining the up-to-date information on enterprise WHS/OHS policies and
procedures
 - specific enterprise personal protection equipment (PPE) - type and application; where and
when to be used; method of replacement; responsibility of maintenance, including
cleaning, inspection and testing; and emergency response rescue, evacuation and first aid
procedures
 - personal wellbeing – hygiene, fatigue/stress management and drugs/alcohol

- WHS/OHS training - induction training, specific hazard training, specific task or equipment training, emergency and evacuation training, and training as part of broader programs, such as equipment operation
- WHS/OHS records - audits; inspection reports; workplace health and environmental monitoring records; training and instruction records, manufacturer and supplier information, such as material safety data sheets (MSDS); registers, maintenance reports; workers compensation and rehabilitation records; and first aid/medical records
- enterprise-specific technical drawing and documents, including:
 - types and application of enterprise-specific drawings and documents - electrical and electronic drawings, mechanical drawings, project charts, schedules, graphs, technical manuals and catalogues
 - instructions/worksheets - types and application of enterprise-specific symbols and diagrams
 - title box - description of parts and version control.

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:

- a range of relevant exercises, case studies and/or other simulations
- relevant and appropriate materials, tools, facilities, equipment and PPE currently used in industry
- applicable documentation, including workplace procedures, relevant industry standards, equipment specifications, regulations, codes of practice and operation manuals.

Links

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