



Australian Government

UEERE0015 Implement and monitor energy sector environmental and sustainable policies and procedures

Release: 1

UEERE0015 Implement and monitor energy sector environmental and sustainable policies and procedures

Modification History

Release 1. This is the first release of this unit of competency in the UEE Electrotechnology Training Package.

Application

This unit involves the skills and knowledge required to implement and monitor energy sector environmental and sustainable policies and procedures.

It includes preparing, planning, implementing, monitoring and completing environmentally sustainable work practice management policies and procedures. It also includes collecting, interpreting and applying environmental management information, identifying environmental impacts and assessing risks.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not applicable

Competency Field

Renewable Energy

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Plan to implement and monitor environmentally sustainable work procedures

PERFORMANCE CRITERIA

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

1.1 Works schedule/s, drawings, plans and material lists are obtained and analysed in accordance workplace procedures

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| | <p>1.2 Work is prioritised and sequenced following consultation with others for time, quality and in accordance with workplace procedures</p> <p>1.3 Relevant environmental standards and workplace procedures for work are distributed to relevant personnel and relevant worksites</p> <p>1.4 Work health and safety (WHS)/occupational health and safety (OHS) hazards are identified, risks assessed, and control measures implemented and monitored in accordance with workplace procedures</p> <p>1.5 Personnel, equipment, tools and personal protective equipment (PPE) required for work are identified, scheduled, coordinated and confirmed safe and in working order</p> <p>1.6 Risk management process is applied to work to minimise energy wastage in accordance with workplace procedures</p> <p>1.7 Items for installation are sourced in accordance with sustainable energy practices and consultation and agreement of relevant person/s</p> |
| 2 Implement and monitor environmentally sustainable work procedures | <p>2.1 Sustainable energy practices are implemented and monitored in consultation with relevant person/s in accordance with time, quality and minimum waste, and workplace procedures and relevant industry standards are followed</p> <p>2.2 Unplanned event/situation/s are identified and responded to in accordance with relevant industry standards</p> <p>2.3 Quality checks of the work are undertaken in accordance with relevant industry standards and workplace procedures</p> |
| 3 Complete and review environmental and sustainable energy procedures | <p>3.1 Work is checked against work schedule for anomalies to be reported and solutions identified in accordance with workplace procedures</p> <p>3.2 Worksite is rehabilitated, cleaned up and confirmed safe in accordance with workplace procedures</p> <p>3.3 Tools, equipment, surplus resources and materials are</p> |

cleaned, checked and returned to storage in accordance with workplace procedures

- 3.4** Materials suitable for recycling and/or reuse are identified and stored for use or disposal in accordance with sustainable energy practices and workplace procedures
- 3.5** Implementing and monitoring of sustainable work practices are reviewed and updated in accordance with workplace procedures
- 3.6** Relevant work permit/s are signed off and the work completed/returned to service and advice provided to client/customer in accordance with requirements
- 3.7** New targets for energy minimisation are in accordance with sustainable energy practices and workplace procedures
- 3.8** Successful strategies are promoted and, where possible, participants rewarded

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 UEE Electrotechnology Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to UEENEEK145A Implement and monitor energy sector environmental and sustainable policies and procedures.

Links

Companion Volume implementation guides are found in VETNet - -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b8a8f136-5421-4ce1-92e0-2b50341431b6>

Assessment Requirements for UEERE0015 Implement and monitor energy sector environmental and sustainable policies and procedures

Modification History

Release 1. This is the first release of this unit of competency in the UEE Electrotechnology Training Package.

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 using risk control measures
- applying sustainable energy practices
- dealing with unplanned events/situations in accordance with workplace procedures in a manner that minimises risk to personnel and equipment
- implementing and monitoring participative arrangements for the management of environmentally sustainable work practice
- implementing and monitoring the procedures for environmentally sustainable work practice
- implementing and monitoring the procedures for identifying hazards, assessing risks and controlling risks
- implementing and monitoring the procedures for maintaining environmentally sustainable work practice records
- implementing and reviewing sustainable energy procedures
- planning, implementing and monitoring environmentally sustainable work procedures
- providing environmentally sustainable work practice information to the work group.

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:

- environmentally sustainable work principles, including:
 - relevant environmental legislation
 - sustainable practice
 - effects of neglecting sustainable practice
 - benefits of sustainable initiatives
 - techniques for reducing the use of carbon-based energy sources and hence greenhouse gas emissions

- domestic, commercial and industrial strategies
- trade-related technologies and methods
- renewable energy (RE) technologies
- energy efficient retrofits
- implementing and monitoring, including:
 - principles and practice of effective sustainable practice management
 - workplace sustainable work practice non-compliance, range and selection of control measures
 - organisational systems and policies and procedures
 - impact of characteristics and composition of the workforce on sustainable practice management
 - sustainable work practice management to other organisational management policies, procedures and systems.
 - analysis of work environment and sustainable work practice interventions
 - analysis of relevant workplace data
 - ability to assess resources needed for risk control
- relevant manufacturer specifications
- relevant job safety assessments or risk mitigation processes
- relevant WHS/OHS legislated requirements
- relevant workplace documentation
- relevant workplace policies and procedures.

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 suitable workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated suitable workplace operational situations that replicate 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 personal protective equipment (PPE) currently used in industry
- resources used should reflect current industry practices in relation to implementing and monitoring policies and procedures for environmentally and sustainable electrotechnology work practice
- applicable documentation, including workplace procedures, equipment specifications,

regulations, relevant industry standards, codes of practice and operation manuals.

Links

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