



Australian Government

UEPOPS356 Apply environmental and sustainable energy procedures

Release: 1

UEPOPS356 Apply environmental and sustainable energy procedures

Modification History

Release 1. This is the first release of this unit of competency in the UEP Generation Training Package.

Application

This unit involves the skills and knowledge required for the implementation of environmental procedures in the workplace. It also includes identifying, assessing and controlling environmental risks and assessing the impact of work related activities.

Environmental risks can include air, soil and water pollution, wildlife and habitat loss and global warming emissions.

Competency in this unit requires the ability to plan for quality control, monitor quality control and complete all documentation. Individuals will, in general, work as an operator, in a power generation facility.

Power generation plant operators are typically trained and authorised to isolate, prepare plant and issue permits to work.

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

Note: Workplace practice

The application of the skills and knowledge described in this unit may require a licence or training permit to practice in the workplace where work is carried out on gas and electrical installations. Additional conditions may apply under state and territory legislative and regulatory licensing requirements.

Pre-requisite Unit

There are no prerequisite units.

Competency Field

Operations

Unit Sector

Electricity generation

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

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

1 Relate environmental procedures to specific work site

- 1.1** Environmental and sustainable energy procedures are identified, in accordance with workplace procedures for implementation at work site
- 1.2** Environmental and sustainable energy procedures for specific work site are reviewed with appropriate personnel

2 Implement environmental procedures

- 2.1** Environmental and sustainable energy procedures are applied to specific work site, in accordance with workplace procedures
- 2.2** Environmental risks and impacts are identified, in accordance with workplace procedures
- 2.3** Environmental risks and impacts are assessed, in accordance with workplace procedures
- 2.4** Environmental risks and impacts are controlled and monitored throughout work activities, in accordance with workplace procedures
- 2.5** Environmental incidents are dealt with, in accordance with workplace procedures and emergency procedures and contingency strategies are implemented
- 2.6** Environmental and sustainable energy work is conducted, in accordance with workplace procedures and the principles of sustainable energy and energy conservation
- 2.7** Provision for recycling or reuse of materials is undertaken, where possible, in accordance with workplace procedures
- 2.8** Environmental incidents are reported and recorded, in accordance with workplace procedures

3 Environmental procedures are reported and reviewed

- 3.1** Reporting procedures for environmental and sustainable energy processes are monitored, in accordance with workplace procedures, with respect to a specific work or site

- 3.2 Environmental risks, potential impacts and incidents are monitored and reported, in accordance with workplace procedures
- 3.3 Participation and contribution into reviews of environmental and sustainable energy procedures are carried out, in accordance with workplace procedures

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 UEPOPS356B Apply environmental and sustainable energy procedures.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1715b9fa-e7bd-441c-bb8d-cf22c9c825a8>

Assessment Requirements for UEPOPS356 Apply environmental and sustainable energy procedures

Modification History

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Performance Evidence

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

- applying environmental risk assessment processes
- applying Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) requirements including:
 - emergency procedures
 - hazard identification
 - risk control measures
 - safe working practices
- communicating with personnel
- implementing legislation, industry standards, codes of practice and regulations
- recycling and reusing materials
- reporting on environmental incidents
- using manufacturers' specifications and manuals
- utilising environmental and sustainable energy principles and practices
- working with, monitoring and reviewing environmental procedures

Knowledge Evidence

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

- environmental and sustainable energy principles and practices
- environmental incidents
- environmental risk assessment processes
- implementation, monitoring and reviewing environmental procedures
- legislation, industry standards, codes of practice and regulations
- manufacturers' specifications and manuals
- methods of identifying environmental impacts
- recycling and reuse of materials

- WHS/OHS legislated requirements including
 - emergency procedures
 - hazard identification
 - risk control measures
 - safe working practices
- workplace documentation
- workplace policies and procedures

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the Standards for Registered Training Organisations current at the time of assessment.

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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.

Assessment must occur in workplace operational situations. Where this is not appropriate, assessment must occur in simulated workplace operational situations that reflect workplace conditions.

Resources for assessment must include access to:

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

Links

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