



Australian Government

UEPOPS501 Manage Work, Health and Safety policy and procedures

Release: 1

UEPOPS501 Manage Work, Health and Safety policy and 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 to manage the identification of hazards and the assessment and control of risks associated with generating plant and equipment.

Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) is concerned with protecting the wellbeing of all workplace stakeholders from exposure to hazards and risks resulting from activities in power generation facilities. It involves the assessment and mitigation of risks that can cause short and long term harm.

Competency in this unit requires the ability to identify hazards, analyse and manage WHS/OHS risks, implement and manage procedures for identifying risks, recommend controls for hazards, identify and manage licensing and certification issues and review and evaluate risk control measures. Individuals will, in general, work as operators with responsibility for WHS/OHS, in a power generation facility.

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

UEENEEE117A Implement and monitor energy sector /WHS policies and procedures

Competency Field

Operations

Unit Sector

Electricity generation

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 Identify hazards

- 1.1** Recognised sources of information, data and advice on power generating plant and equipment hazards are accessed, in accordance with workplace procedures and Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) regulations
- 1.2** Hazardous situations associated with use of generating plant and equipment are identified, analysed and managed, in accordance with workplace procedures
- 1.3** Key stakeholders are identified and consulted, in accordance with workplace procedures
- 1.4** WHS/OHS recording and reporting procedures on hazards and risks are reviewed and managed

2 Analyse and manage WHS/OHS risks

- 2.1** Risk assessment controls are determined, analysed and managed in consultation with key stakeholders
- 2.2** Register of risk control measures including permits, is developed and managed, in accordance with workplace procedures

3 Implement and manage procedures for identifying hazards

- 3.1** Hierarchy of control measures are implemented and managed, in accordance with workplace procedures
- 3.2** Workplace monitoring processes are continually managed to eliminate or control risks, in accordance with workplace procedures
- 3.3** Risks requiring further controls are identified and managed, in accordance with workplace procedures
- 3.4** Management of reporting cycle to key stakeholders is undertaken, in accordance with workplace procedures

4 Recommend controls for hazards

- 4.1** Permits to work and access procedures are monitored and managed, in liaison with key stakeholders, in accordance with workplace procedures
- 4.2** Isolation procedures are implemented and managed, in accordance with workplace procedures, to ensure

		continued safety of all workplace personnel
	4.3	Maintenance procedures are documented and communicated to all personnel to ensure generating plant and equipment are safe, in accordance with workplace procedures
	4.4	Modifications to generating plant or equipment are recorded in return to service documentation.
	4.5	Work practices are monitored and modified, as required, for safe operation of generating plant and equipment, in accordance with workplace procedures
	4.6	Maintenance systems are monitored and evaluated for safe operation of generating plant and equipment
5	Identify and manage licensing and certification issues	
	5.1	WHS/OHS legislative requirements for plant registration, operator licensing or authorisation are identified and communicated to key stakeholders
	5.2	Training to meet WHS/OHS regulatory requirements is identified and communicated to key stakeholders
	5.3	WHS/OHS compliance for operator licensing, registration or authorisation is managed, in accordance with workplace procedures
	5.4	Records of operator competencies in working with generating plant and equipment are managed, in accordance with workplace procedures
6	Review and evaluate risk control measures	
	6.1	Risk control measures are reviewed and evaluated, in accordance with workplace procedures, and risk assessments are conducted
	6.2	Risk control plans are developed in consultation with key stakeholders, and are managed, in accordance with workplace procedures
	6.3	Record system is managed for generating plant, equipment and systems of work, in accordance with workplace procedures
	6.4	WHS/OHS improvements are implemented and managed, in consultation with key stakeholders
	6.5	WHS/OHS management system is evaluated, reviewed and reported on, in accordance with workplace

procedures to ensure generating plant safety

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 UEPOPS501B Manage Occupational Health and Safety policy and 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 UEPOPS501 Manage Work, Health and Safety policy and 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:

- analysing WHS/OHS risks associated with generating plant
- applying Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) requirements including:
 - emergency procedures
 - risk control measures
 - safe working practices
- communicating with key stakeholders
- identifying hazards
- implementing hierarchy of control
- implementing legislation, industry standards, codes of practice and regulations
- locating and identifying generating plant and equipment
- managing and supervising staff
- managing controls for hazards associated with maintenance activities
- managing procedures for identifying hazards including
- recognising generating plant status
- recording procedures
- reviewing and implementing WHS/OHS procedures
- using hazard identification and risk control techniques

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:

- generating plant status
- hazard identification and risk control techniques
- hierarchy of control
- legislation, industry standards, codes of practice and regulations

- licensing and certification requirements including isolations, access and permits
- management of WHS/OHS records
- manufacturers' specifications and manuals
- provision of WHS/OHS training including competency identification
- stakeholder management techniques
- typical arrangements of power production plant
- WHS/OHS legislated requirements including:
 - emergency procedures
 - 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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