



Australian Government

UEPOPS058 Manage work health and safety policy and procedures

Release: 1

UEPOPS058 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 Electricity Supply Industry - Generation Sector Training Package Release 2.0.

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.

Pre-requisite Unit

UEECD0024 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** WHS/OHS regulations, legislative requirements, codes of practice, manufacturers' recommendations and specifications, environmental requirements and workplace procedures are identified, applied and monitored
- 1.2** Work and resource requirements are identified from relevant personnel and documentation in accordance with workplace procedures
- 1.3** Hazardous situations associated with use of generating plant and equipment are identified, analysed and managed in accordance with workplace procedures
- 1.4** Key stakeholders are identified and consulted in accordance with workplace procedures
- 1.5** WHS/OHS recording and reporting procedures on hazards and risks are reviewed and managed in accordance with workplace procedures

2 Analyse and manage WHS/OHS risks

- 2.1** Risk assessment controls are determined, analysed and managed in consultation with key stakeholders in accordance with workplace procedures
- 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 and 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 to ensure continued safety of all workplace personnel in accordance with workplace procedures
 - 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 and equipment are recorded in return to service documentation in accordance with workplace procedures
 - 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 in accordance with workplace procedures
- 5 **Identify and manage licensing and certification issues**
 - 5.1 WHS/OHS requirements for plant registration, operator licensing and authorisation are identified and communicated to key stakeholders in accordance with workplace procedures
 - 5.2 Training to meet WHS/OHS regulatory requirements is identified and communicated to key stakeholders in accordance with workplace procedures
 - 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, and risk assessments are conducted in accordance with workplace procedures
 - 6.2 Risk control plans are developed and managed in consultation with key stakeholders 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 in accordance with workplace procedures
- 6.5** WHS/OHS management system is evaluated, reviewed and reported to ensure generating plant safety 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 UEP Electricity Supply Industry - Generation Sector Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to UEPOPS501 Manage Work 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 UEPOPS058 Manage work health and safety policy and procedures

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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 and performance criteria on at least two separate occasions and include:

- analysing work health and safety (WHS)/occupational health and safety (OHS) risks associated with generating plant
- applying WHS/OHS requirements, including:
 - emergency procedures
 - risk control measures
 - safe working practices
- communicating with key stakeholders
- identifying hazards
- implementing hierarchy of control
- implementing regulations, legislative requirements, codes of practice, manufacturers' recommendations and specifications, and environmental requirements
- interpreting manuals
- locating and identifying generating plant and equipment
- managing and supervising staff
- managing controls for hazards associated with maintenance activities
- managing procedures for identifying hazards
- 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 and performance criteria and include knowledge of:

- arrangements of power production plant
- generating plant status
- hazard identification and risk control techniques

- hierarchy of control
- licensing and certification requirements, including isolations, access and permits
- management of WHS/OHS records
- manuals
- provision of WHS/OHS training, including competency identification
- regulations, legislative requirements, codes of practice, manufacturers' recommendations and specifications, and environmental requirements
- stakeholder management techniques
- WHS/OHS requirements, including:
 - emergency procedures
 - risk control measures
 - safe working practices
- workplace documentation
- 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 workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated 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, equipment and personal protective equipment (PPE) currently used in industry
- applicable documentation, including workplace procedures, equipment specifications, regulations, codes of practice and operation manuals.

Links

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