



Australian Government

UEPOPS430 Control permit to work operations

Release: 1

UEPOPS430 Control permit to work operations

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 perform work in association with a permit system.

Permits to work are a formal system used to control high risk activities in power generation facilities. They specify the control measures to be used. Permits ensure that all hazards and precautions have been considered before any hazardous work begins.

Competency in this unit requires the ability to plan and prepare for permit to work procedures, perform permit duties and complete work. 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.

1 Plan and prepare for permit to work procedures

2 Perform permit duties

3 Complete work

PERFORMANCE CRITERIA

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

- 1.1** Permit to work requirements are identified from work orders, in accordance with workplace procedures and are confirmed
- 1.2** Information and documentation related to controlling permit to work procedures is obtained, in accordance with workplace policies and procedures
- 1.3** Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) regulations, industry standards and workplace procedures are identified and monitored
- 1.4** Power generation plant is identified, in accordance with workplace procedures
- 1.5** Consultation with key stakeholders to identify state of power generation plant, isolations and maintenance timetable is confirmed, in accordance with workplace procedures
- 2.1** Permit is obtained and relevance to work is confirmed, in accordance with workplace procedures and job requirements
- 2.2** Isolations and appropriate barriers or taggings are confirmed, in accordance with workplace procedures and permit requirements
- 2.3** Permit requirements are clarified to personnel involved in or affected by the work, in accordance with workplace procedures
- 2.4** Personnel involved in work tasks are signed on to permits prior to commencement of work, in accordance with workplace procedures
- 2.5** Permit conditions are monitored and controlled throughout work sequence, in accordance with workplace procedures
- 3.1** Power generation plant is inspected and returned to normal operation, in accordance with workplace

procedures

- 3.2 Staff signed on to permit are signed off, in accordance with workplace procedures
- 3.3 Work is completed and appropriate personnel are notified, 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 UEPOPS430B Control permit to work operations.

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 UEPOPS430 Control permit to work operations

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 Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) requirements including:
 - emergency procedures
 - risk control measures
 - safe working practices
- communicating with personnel and key stakeholders
- completing work
- controlling permit to work system including safety procedures
- identifying power generating plant status
- implementing legislation, industry standards, codes of practice and regulations
- interpreting manufacturers' specifications and manuals
- locating power generating plant and equipment
- performing permit to work duties and procedures
- planning and preparing to use permit to work system

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:

- manufacturers' specifications and manuals legislation, industry standards, codes of practice and regulations
- mechanical and electrical equipment isolation techniques
- mechanical and electrical isolation equipment types and characteristics
- permit to work system and its' implementation
- power generating plant and equipment
- 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 including safety 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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