



Australian Government

UEPOPS017 Conduct single energy source isolation procedures for permit to work

Release: 1

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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 conduct single energy source isolation procedures for permits to work.

A permit to work system is a formal method used to control certain types of work that can be potentially hazardous. A permit to work specifies the work to be completed, the precautions to be taken and the timeframe for completion.

Competency in this unit requires the ability to plan and prepare for isolation, de-isolation and restoration, perform isolation and perform de-isolation and restoration. Individuals will, in general, work as an operator in a power generation facility.

Power generation plant operators are 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.

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 Plan and prepare for single energy source isolation

- 1.1** Work requirements, including permits to work, are identified from relevant personnel and site inspection in accordance with workplace procedures
- 1.2** Work health and safety (WHS)/occupational health and safety (OHS) regulations, legislative requirements, codes of practice, manufacturers' recommendations and specifications, environmental requirements and workplace procedures are identified, applied and monitored
- 1.3** Materials, tools, equipment and resources are obtained and inspected in accordance with workplace procedures
- 1.4** Isolation work is sequenced in accordance with permit requirements and workplace procedures
- 1.5** Isolation work is prioritised in accordance with permit requirements and workplace procedures
- 1.6** Permit to work is coordinated with other personnel involved in, and affected by isolations in accordance with workplace procedures
- 1.7** Personnel participating in work are briefed, with roles and responsibilities confirmed, in accordance with workplace procedures

2 Perform single energy source isolation

- 2.1** Single energy source to be isolated is identified in accordance with workplace procedures
- 2.2** Isolation is performed in accordance with permit requirements and workplace procedures
- 2.3** Isolation, dissipation and restraint of energy sources is verified in accordance with workplace procedures
- 2.4** Isolation is confirmed in accordance with workplace procedures

3 Perform single energy source de-isolation and restoration

- 3.1** Single energy source de-isolation and restorations are performed in accordance with permit requirements and workplace procedures
- 3.2** Single energy source de-isolations are confirmed in accordance with workplace procedures
- 3.3** Work completion details are finalised 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 UEPOPS301 Conduct single energy source isolation procedures for permit to work.

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1715b9fa-e7bd-441c-bb8d-cf22c9c825a8>