



Australian Government

UEPOPS145 Undertake local systems operations

Release: 1

UEPOPS145 Undertake local systems operations

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 operate power generating plant as a local systems operation, in conjunction with coordinated systems, under the control of relevant authorised personnel.

The operation, configuration and implementation of power generation systems and plant should be considered and reviewed when undertaking local systems operations.

Competency in this unit requires the ability to plan and prepare work, operate plant 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.

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 work

PERFORMANCE CRITERIA

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

- 1.1** 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
- 1.2** Work requirements are identified from relevant personnel and documentation in accordance with workplace procedures
 - 1.3** Local system operations plant status is confirmed from instructions in accordance with workplace procedures
 - 1.4** Preoperational checks are carried out on local system operations plant from instructions in accordance with workplace procedures
- 2 Operate plant**
- 2.1** System components to be locally controlled are identified and operated from instructions in accordance with workplace procedures
 - 2.2** Local system operations plant is operated within limits of design specification in accordance with workplace procedures
 - 2.3** Local system operations plant is monitored, observed and tested to detect deviations from normal operating conditions in accordance with workplace procedures
- 3 Complete documentation**
- 3.1** Local system operations plant problems, movements, and status are reported in accordance with workplace procedures
 - 3.2** Documentation is updated 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 UEPOPS252 Undertake local systems operations.

Links

Companion Volume implementation guides are found in VETNet -

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