



Australian Government

UEPOPS118 Operate manual systems

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 operate power generation plant in manual mode, in conjunction with coordinated systems, under the control of relevant authorised personnel.

Power generation plant may be manually controlled by an operator rather than automatically by a computer when required by circumstances.

Competency in this unit requires the ability to plan and prepare work, operate plant and equipment manually, and complete documentation. Individuals will, in general, work under supervision, 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

UEPOPS145 Undertake local systems operations

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.

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| 1 Plan and prepare work | 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 Power generation plant status is identified and confirmed with relevant documentation in accordance with workplace procedures |
| | 1.4 Preoperational checks are carried out on power generation plant in accordance with manufacturers' recommendations and specifications, and workplace procedures |
| 2 Conduct manual operation of plant | 2.1 Power generation plant to be manually controlled is identified and operated in accordance with workplace procedures |
| | 2.2 Power generation plant is manually operated within limits of design in accordance with workplace procedures |
| | 2.3 Power generation plant is monitored to detect deviations from normal operating conditions in accordance with workplace procedures |
| | 2.4 Corrective actions are taken to rectify power generation plant abnormalities in accordance with manufacturers' recommendations and specifications, and workplace procedures |
| 3 Complete documentation | 3.1 Power generation 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 UEPOPS368 Operate manual systems

Links

Companion Volume implementation guides are found in VETNet -

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