



Australian Government

UEPOPS252 Undertake local systems operations

Release: 1

UEPOPS252 Undertake local systems 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 operate power generating plant as a local systems operation, in conjunction with coordinated systems, under the control of appropriate 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.

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.

PERFORMANCE CRITERIA

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

1 Plan and prepare work

- 1.1 Safety issues are identified, in accordance with workplace procedures, to comply with Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) regulations and industry standards
- 1.2 Work requirements are identified from appropriate personnel and documentation, in accordance with workplace procedures
- 1.3 Local system operations plant status is confirmed, in accordance with workplace procedures and instructions
- 1.4 Preoperational checks are carried out on local system operations plant, in accordance with workplace procedures and instructions

2 Operate plant

- 2.1 System components to be locally controlled are identified and operated, in accordance with workplace procedures and instructions
- 2.2 Local system operations plant is operated within limits of its design specification and site requirements, in accordance with workplace procedures
- 2.3 Local system operations plant is monitored, observed and tested, in accordance with workplace procedures, to detect deviations from normal operating conditions

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 Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to UEPOPS252A 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>

Assessment Requirements for UEPOPS252 Undertake local systems 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 procedures
- communicating with personnel
- completing documentation
- complying with legislation, industry standards, codes of practice and regulations
- fault testing and identification, including:
 - equipment running tests
 - post maintenance operating tests
 - standby plant tests
- operating plant and equipment
- planning and preparing work

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:

- fault test identification from standby plant, post maintenance operating and equipment running tests
- legislation, industry standards, codes of practice and regulations
- operation of power generating plant or equipment in local systems operations
- WHS/OHS legislated requirements including:
 - emergency procedures
 - risk control measures

- safe working procedures
- workplace documentation
- workplace policies and 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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