



Australian Government

**UEPOPS416 Monitor implementation of
quality control for production and
maintenance**

Release: 1

UEPOPS416 Monitor implementation of quality control for production and maintenance

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 monitor the implementation of production and maintenance quality control procedures at a power generation facility.

Quality control is a process used to ensure variations in quality are kept to a minimum. Quality control in a power generation facility will focus on a set of processes and procedures intended to ensure that personnel, plant and equipment operate smoothly and efficiently.

Competency in this unit requires the ability to plan for quality control, monitor quality control and complete all documentation. 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

UEPOPS337 Maintain quality systems within the team

Competency Field

Operations

Unit Sector

Electricity generation

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential outcomes.

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

1 Plan for quality control

- 1.1 Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) standards, legislative requirements, industry standards, codes of practice, manufacturers' specifications, environmental obligations and workplace procedures are identified, applied and monitored
- 1.2 Quality control parameters are established for power generation production and maintenance, in accordance with workplace procedures
- 1.3 Quality control process improvement techniques are used, in accordance with workplace procedures, in the identification and resolution of quality variances in power generation

2 Monitor quality control

- 2.1 Monitoring equipment is checked for correct calibration, and environmental conditions are confirmed, in accordance with workplace procedures, to ensure reliability and accuracy of test results
- 2.2 Quality control procedures for production and maintenance in power generation is monitored, in accordance with workplace procedures
- 2.3 Deviation and fault data is collected and reported, in accordance with workplace procedures

3 Complete documentation

- 3.1 Calibration records of test equipment is maintained, in accordance with workplace procedures
- 3.2 Documentation is completed, 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 UEPOPS416B Monitor the implementation of the enterprise's production maintenance quality control procedures.

Links

Companion Volume implementation guides are found in VETNet -

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