



**Australian Government**

**UEPOPS065 Monitor implementation of  
quality control for production and  
maintenance**

**Release: 1**

# UEPOPS065 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 Electricity Supply Industry - Generation Sector Training Package Release 2.0.

## 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 in accordance with workplace procedures.

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 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

UEPOPS047 Maintain quality systems within the team

## 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.

- |                                   |   |
|-----------------------------------|---|
| <b>1 Plan for quality control</b> | <b>1.1</b> 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 |
|                                   | <b>1.2</b> Quality control parameters are established for power generation production and maintenance in accordance with workplace procedures   |
|                                   | <b>1.3</b> Quality control process improvement techniques are used in the identification and resolution of quality variances in power generation in accordance with workplace procedures  |
| <b>2 Monitor quality control</b>  | <b>2.1</b> Monitoring equipment is checked for calibration, and environmental conditions are confirmed to ensure reliability and accuracy of test results in accordance with workplace procedures,  |
|                                   | <b>2.2</b> Quality control procedures for production and maintenance in power generation is monitored in accordance with workplace procedures   |
|                                   | <b>2.3</b> Deviation and fault data collected and reported in accordance with workplace procedures  |
| <b>3 Complete documentation</b>   | <b>3.1</b> Calibration records of test equipment is maintained in accordance with workplace procedures  |
|                                   | <b>3.2</b> 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 UEP Electricity Supply Industry - Generation Sector Training Package Companion Volume Implementation Guide.

## Unit Mapping Information

This unit replaces and is equivalent to UEPOPS416 Monitor implementation of quality control for production and maintenance.

## Links

Companion Volume implementation guides are found in VETNet -

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