



**Australian Government**

# **UEPOPS346 Conduct non-routine operational testing**

**Release: 1**

# UEPOPS346 Conduct non-routine operational testing

## 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 conduct testing of power generation plant and associated equipment which may be of a non-routine nature.

An operational check is the verification that a group of components are safely working together. Operational checks consist of running in-service electrical plant to ensure that all the systems function together.

Competency in this unit requires the ability to plan for plant in-service checks, carry out in-service electrical checks, carry out corrective actions 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

### PERFORMANCE CRITERIA

Elements describe the essential outcomes.

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

#### 1 Prepare for testing

- 1.1 Safety issues and Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) regulations are identified, in accordance with workplace procedures
- 1.2 Operational test requirements are identified, in accordance with workplace procedures
- 1.3 Operational test procedures are determined and monitoring equipment requirements are identified, in accordance with workplace procedures and testing objectives
- 1.4 Access to power generating plant is determined, in accordance with workplace procedures

#### 2 Perform non-routine testing

- 2.1 Operational testing is performed, in accordance with workplace procedures, industry standards and code of practice
- 2.2 Isolations are confirmed, where appropriate, in accordance with workplace procedures
- 2.3 Power generating plant is observed and corrective action is taken, in accordance with workplace procedures, when response does not meet with operating parameters, plant integrity or personnel safety
- 2.4 Operational testing is completed and power generating plant is returned to required operational status, in accordance with workplace procedures

#### 3 Complete work

- 3.1 Appropriate personnel are notified of completion of testing, in accordance with workplace procedures
- 3.2 Power generating plant problems or abnormalities are reported, in accordance with workplace procedures
- 3.3 Operational test results are interpreted and documented, 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 UEPOPS346B Conduct non-routine operational testing.

## **Links**

Companion Volume implementation guides are found in VETNet -

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