



Australian Government

UEPOPS209 Perform process plant inspections

Release: 1

UEPOPS209 Perform process plant inspections

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 an inspection of electric power generating plant and associated equipment.

An inspection is an organised examination of power generation plant and equipment exposed to conditions that can cause deterioration. Power generation plant and equipment should be inspected at regular intervals.

Competency in this unit requires the ability to inspect power generating plant, gain safe access to work area for inspection, conducting inspections and reporting and/or recording the results. Individuals will, in general, work under supervision, in a power generation facility as an operator.

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 power plant inspection

- 1.1** Maintenance and operating history for inspection is obtained, in accordance with workplace procedures for process plant to be inspected
- 1.2** Inspection requirements for power generation plant are determined and confirmed, in accordance with workplace procedures and Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) regulations
- 1.3** Appropriate inspection check lists recording equipment and personal protective equipment are obtained, in accordance with workplace procedures for process plant to be inspected
- 1.4** Availability and access to power generation plant is determined, in accordance with workplace procedures and isolation processes
- 1.5** Hazards are identified in preparations for plant inspection and risk control measures are implemented, in accordance with workplace procedures

2 Inspect electric power generating plant

- 2.1** Power generation plant is inspected, in accordance with workplace procedures and industry standards
- 2.2** Power generation plant is identified and operational status is determined, in accordance with workplace procedures
- 2.3** Inspection is conducted using approved methods, in accordance with workplace procedures
- 2.4** Inspection requirements are completed, in accordance with workplace procedures

3 Complete documentation

- 3.1** Records are updated, in accordance with workplace procedures
- 3.2** Documentation is maintained, 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 UEPOPS209B Perform process plant inspections.

Links

Companion Volume implementation guides are found in VETNet -

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