



Australian Government

UEPOPS207 Perform plant lubrication

Release: 1

UEPOPS207 Perform plant lubrication

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 maintain grease, oil levels and quality in all areas of power generating plant. The selection and use of lubricants, as well as the care and operation of lubricating systems, is an essential part of any power generation plant maintenance program.

Competency in this unit requires the ability to plan and prepare plant to conduct lubrication, performing routine checks on plant, conducting plant lubrication and completing 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

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 Plan and prepare to conduct plant lubrication

- 1.1** Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) regulations are identified and applied, in accordance with workplace procedures
- 1.2** Work requirements are identified, in accordance with workplace procedures, from relevant personnel and documentation
- 1.3** Plant lubricating status is assessed and evaluated from documentation, in accordance with workplace procedures
- 1.4** Isolation of power generation plant is arranged, in accordance with workplace procedures
- 1.5** Tools, lubricants and Personal Protective Equipment (PPE) are acquired and used, in accordance with workplace procedures

2 Perform routine checks on plant lubrication

- 2.1** Power generating plant is checked, in accordance with workplace procedures
- 2.2** Power generating plant affected by abnormal lubrication are identified and appropriate personnel are informed, in accordance with workplace procedures

3 Conduct plant lubrication

- 3.1** Power generating plant requiring lubrication are cleaned, in accordance with workplace procedures, before lubricating work is carried out
- 3.2** Power generating plant is lubricated, in accordance with Safety Data Sheets (SDS)/Material Safety Data Sheets (MSDS), manufacturer specifications and workplace procedures
- 3.3** Power generating plant is returned to operational condition, in accordance with workplace procedures, to ensure safety of personnel and plant integrity

4 Complete documentation

- 4.1** Power generating plant problems, movements, and status is reported in accordance with workplace procedures
- 4.2** 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 UEPOPS207B Perform plant lubrication.

Links

Companion Volume implementation guides are found in VETNet -

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