



Australian Government

UEPOPS121 Perform plant lubrication

Release: 1

UEPOPS121 Perform plant lubrication

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 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, perform routine checks on plant, conduct plant lubrication and complete 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

There are no prerequisite units

Competency Field

Operations

Unit Sector

Electricity generation

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Plan and prepare to conduct plant lubrication

PERFORMANCE CRITERIA

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

1.1 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

- 1.2 Work requirements are identified from relevant personnel and documentation in accordance with workplace procedures
 - 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 relevant personnel informed in accordance with workplace procedures
- 3 Conduct plant lubrication**
- 3.1 Power generating plant requiring lubrication are cleaned before lubricating work is carried out in accordance with workplace procedures
 - 3.2 Power generating plant is lubricated in accordance with safety data sheets (SDS), manufacturers' recommendations and specifications, and workplace procedures
 - 3.3 Power generating plant is returned to operational condition to ensure safety of personnel and plant integrity in accordance with workplace procedures
- 4 Complete documentation**
- 4.1 Power generating plant problems, movements and status are 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 UEP Electricity Supply Industry – Generation Sector Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to UEPOPS207 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>