



Australian Government

UEPOPS241 Operate and monitor ash and dust disposal plant

Release: 1

UEPOPS241 Operate and monitor ash and dust disposal plant

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 operate, inspect and monitor ash and dust disposal plant associated with a coal fired power station.

Power generation facilities produce waste that must either be removed, recycled or stored. Ash and dust, produced from coal power generation must be disposed of using an established ash and dust handling system.

Competency in this unit requires the ability to plan work, operate ash and dust disposal plant, test ash and dust disposal plant operation, respond to abnormal ash and dust disposal plant operation, monitor and inspect ash and dust disposal plant and complete all documentation. 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 Plan and prepare disposal plant for operation

- 1.1 Safety issues relating to operating and monitoring an ash and dust disposal system are identified, in accordance with workplace procedures and Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) regulations and legislative requirements
- 1.2 Work requirements are identified, in accordance with workplace procedures, from relevant personnel and documentation
- 1.3 Inspection and field preparation for service of ash and dust disposal system is carried out, in accordance with workplace procedures and manufacturers' recommendations
- 1.4 Ash and dust disposal plant operational prerequisites are established, in accordance with workplace procedures and manufacturers' recommendations
- 1.5 Sequence for recommissioning of ash and dust disposal plant is determined, in accordance with workplace procedures and site requirements

2 Operate disposal plant

- 2.1 Ash and dust disposal plant is operated, in accordance with workplace procedures and manufacturers' operating recommendations
- 2.2 Ash and dust disposal plant is monitored and observed, in accordance with workplace procedures, to detect deviations from normal operating conditions
- 2.3 Corrective action is taken, to rectify abnormalities, in accordance with workplace procedures, industry standards and site requirements

3 Test disposal plant operation

- 3.1 Operational tests are performed, in accordance with workplace procedures
- 3.2 Ash and dust disposal plant is observed for correct operational response, in accordance with workplace procedures

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 UEPOPS241B Operate and monitor ash and dust disposal plant.

Links

Companion Volume implementation guides are found in VETNet -

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