



Australian Government

UEPOPS211 Clean plant and equipment

Release: 1

UEPOPS211 Clean plant and equipment

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 clean industrial plant, machinery and surrounds associated with electricity generation stations and related surroundings. It may also include the removal of excess, or oil based, soil.

The removal of impurities is required to facilitate repairs, maintenance, refurbishment or the inspection of plant and machinery. Cleaning therefore, is often the first task performed in the maintenance, repair and overhaul of power generation plant.

Competency in this unit requires the ability to plan and prepare for the cleaning of industrial plant and equipment, conduct cleaning 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 Plan and prepare for work

- 1.1 Requirements are identified from work orders and are confirmed with appropriate personnel, in accordance with workplace procedures
- 1.2 Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) regulations, legislative requirements, industry standards, codes of practice, manufacturers' specifications, environmental obligations and workplace procedures are identified, applied and monitored
- 1.3 Resources including cleaning agents, Personal Protective Equipment (PPE) and tools are obtained and inspected for compliance with job specifications, in accordance with Safety Data Sheets (SDS)/Material Safety Data Sheets (MSDS) and workplace procedures
- 1.4 Work is sequenced and prioritised, in accordance with workplace procedures
- 1.5 Potential hazards are identified and prevention and risk control measures are implemented, in accordance with workplace procedures
- 1.6 Work area is prepared, in accordance with workplace procedures

2 Conduct industrial plant and equipment cleaning

- 2.1 Isolations are confirmed with appropriate personnel, in accordance with workplace procedures
- 2.2 Surfaces are applied, where required, with suitable cleaning agent to assist in release of soil or oil residue, in accordance with manufacturer's instructions and workplace procedures
- 2.3 Cleaning equipment and accessories are operated, in accordance with manufacturer's instructions and workplace procedures
- 2.4 Industrial plant and equipment is cleaned, in accordance with the workplace procedures
- 2.5 Residual waste is directed to suitable disposal points, in accordance with workplace procedures and

- environmental legislation
- 2.6** Final cleaning inspection is carried out, in accordance with workplace procedures
- 3 Complete industrial plant and equipment cleaning**
- 3.1** Cleaning is completed and appropriate personnel are notified, in accordance with workplace procedures
- 3.2** Work area is cleared of waste, cleaned, restored and secured, in accordance with workplace procedures
- 3.3** Industrial plant, tools and equipment are maintained and stored, in accordance with workplace procedures
- 3.4** Cleaning completion details are finalised, 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 UEPOPS211B Clean plant and equipment.

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1715b9fa-e7bd-441c-bb8d-cf22c9c825a8>