



Australian Government

UEPOPS005 Clean plant and equipment

Release: 1

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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 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.

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.

PERFORMANCE CRITERIA

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

- 1 Plan and prepare for work**
- 1.1** Work requirements are identified from relevant personnel and documentation in accordance with workplace procedures
 - 1.2** 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
 - 1.3** 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) 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 relevant 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 manufacturers' recommendations and specifications, and workplace procedures
 - 2.3** Cleaning equipment and accessories are operated in accordance with manufacturers' recommendations and specifications, and workplace procedures
 - 2.4** Industrial plant and equipment are cleaned in accordance with the workplace procedures
 - 2.5** Residual waste is directed to suitable disposal points in accordance with environmental regulations and workplace procedures
 - 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 relevant 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 UEP Electricity Supply Industry – Generation Sector Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to UEPOPS211 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>