



**Australian Government**

**Assessment Requirements for UEPOPS322  
Operate and monitor alkalinity reduction  
plant**

**Release: 1**

# Assessment Requirements for UEPOPS322 Operate and monitor alkalinity reduction plant

## Modification History

Release 1. This is the first release of this unit of competency in the UEP Generation Training Package.

## Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements, performance criteria and range of conditions on at least two separate occasions and includes:

- analysing alkalinity reduction plant faults using data analysis techniques and tools
- applying Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) requirements including:
  - chemical use and hazards
  - emergency procedures
  - risk control measures
  - safe work practices including use of Safety Data Sheets (SDS)/Material Safety Data Sheets (MSDS)
- communicating with personnel
- completing documentation
- identifying alkalinity reduction plant status
- implementing legislation, industry standards, codes of practice and regulations
- interpreting manufacturers specifications and manuals
- monitoring and inspecting alkalinity reduction plant operation
- operating alkalinity reduction plant
- organising resources
- planning and preparing work
- preparing alkalinity reduction plant and/or equipment for operation
- recognising and responding to abnormal alkalinity reduction plant operating conditions
- testing alkalinity reduction plant operations using diagnostic and test techniques
- working with permit to work system

## Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements, performance criteria and range of conditions and includes knowledge of:

- alkalinity reduction plant and equipment, its location and operating parameters including

- supervisory, alarm, protection and control equipment
- alkalinity reduction plant status
- legislation, industry standards, codes of practice and regulations
- manufacturers' specifications and manuals
- permit to work system
- typical arrangements of power production plant
- WHS/OHS legislated requirements including:
  - chemical use and hazards
  - emergency procedures
  - risk control measures
  - safe work practices including use of Safety Data Sheets (SDS)/Material Safety Data Sheets (MSDS)
- workplace documentation
- workplace policies and procedures

## Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the Standards for Registered Training Organisations current at the time of assessment.

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Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Assessment must occur in workplace operational situations. Where this is not appropriate, assessment must occur in simulated workplace operational situations that reflect workplace conditions.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or other simulations
- relevant and appropriate materials, tools, equipment and personal protective equipment currently used in industry
- applicable documentation including workplace procedures, industry standards, equipment specifications, regulations, codes of practice and operation manuals.

## Links

Companion Volume implementation guides are found in VETNet -

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