



**Australian Government**

**Assessment Requirements for UEPOPS335  
Operate a hydro generator synchronous  
condenser pump unit**

**Release: 1**

# Assessment Requirements for UEPOPS335 Operate a hydro generator synchronous condenser pump unit

## 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:

- applying Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) including:
  - risk control measures
  - emergency procedures
  - safe working practices
- communicating with personnel
- identifying and responding to abnormal plant operating conditions
- implementing legislation, industry standards, codes of practice and regulations
- interpreting manufacturers' specifications and manuals
- monitoring and inspecting hydro generator synchronous condenser pump unit plant operations
- operating hydro generator synchronous condenser pump unit plant completing workplace documentation
- organising resources
- planning hydro generator synchronous condenser pump unit plant work
- recognising hydro turbine generator/pump unit plant status
- reporting on hydro generator pump unit plant status
- testing hydro turbine generator synchronous condenser pump unit plant operationally using diagnostic and data analysis techniques
- utilising measuring and testing instruments to identify faults and abnormalities

## 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:

- hydro turbine generator synchronous condenser pump unit plant and equipment, its location and operating parameters
- hydro turbine generator synchronous condenser pump unit plant operation

- manufacturers' specifications and manuals
- typical arrangements of power production plant
- WHS/OHS legislated requirements including:
  - emergency procedures
  - risk control measures
  - safe working practices
- 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>