



**Australian Government**

**Assessment Requirements for UEPOPS330  
Operate and monitor heat exchangers and  
cooling systems**

**Release: 1**

# Assessment Requirements for UEPOPS330 Operate and monitor heat exchangers and cooling systems

## 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 heat exchangers and cooling system plant faults using data analysis techniques and tools
- applying Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) requirements including:
  - emergency procedures
  - risk control measures
  - safe work practices
- communicate with personnel
- completing documentation
- identifying heat exchangers and cooling system plant status
- implementing legislation, industry standards, codes of practice and regulations
- monitoring and inspecting heat exchangers and cooling system plant
- operating heat exchangers and cooling system plant
- organising resources
- preparing and planning work
- recognising and responding to abnormal heat exchangers and cooling system plant operating conditions
- testing heat exchangers and cooling system plant operationally using diagnostic and testing techniques
- utilising the permit to work system
- working with heat exchangers and cooling system plant and/or equipment for operation

## 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:

- heat exchangers and cooling system plant and equipment, its location and operating

parameters

- heat exchangers and cooling system 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:
  - emergency procedures
  - risk control measures
  - safe work 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>