



Australian Government

Assessment Requirements for UEPOPS524 Evaluate scheduling of generation plant

Release: 1

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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 and forecasting load profile
- applying Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) requirements including:
 - emergency procedures and techniques
 - risk control measures
 - safe working practices and procedures
- assessing power generation unit availability and capability
- communicating with stakeholders
- completing documentation using recording procedures
- evaluating power generation unit schedules
- evaluating scheduling of power generating units for optimum efficiency using data analysis techniques and tools
- identifying power generation unit status
- implementing legislation, industry standards, codes of practice and regulations
- preparing and implementing power generation schedules
- scheduling power generation plant to meet demand
- using manufacturers' specifications and manuals
- utilising fuel strategies

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:

- evaluation techniques and tools
- framework for fuel strategies
- identification of power generation unit status
- legislation, industry standards, codes of practice and regulations

- load profile forecasts
- manufacturers' specifications and manuals
- operation and load characteristics of power generation plant
- power generation plant and equipment, its location and operating parameters
- power generation schedule implementation
- power generation schedules including peak load generation schedules
- stakeholder liaison
- typical arrangements of power production plant
- WHS/OHS legislated requirements including:
 - emergency procedures and techniques
 - risk control measures
 - safe working practices and procedures
- 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>