



Australian Government

Assessment Requirements for UEPOPS039 Evaluate scheduling of generation plant

Release: 1

Assessment Requirements for UEPOPS039 Evaluate scheduling of generation plant

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.

Performance Evidence

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

- 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 efficiency using data analysis techniques and tools
- identifying power generation unit status
- implementing regulations, legislative requirements, codes of practice, manufacturers' recommendations and specifications, and environmental requirements
- preparing and implementing power generation schedules
- scheduling power generation plant to meet demand
- using 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 and performance criteria and include knowledge of:

- arrangements of power production plant
- evaluation techniques and tools
- framework for fuel strategies
- identification of power generation unit status

- load profile forecasts
- manuals
- operation and load characteristics of power generation plant
- power generation plant and equipment, location and operating parameters
- power generation schedule implementation
- power generation schedules, including peak load generation schedules
- regulations, legislative requirements, codes of practice, manufacturers' recommendations and specifications, and environmental requirements
- stakeholder liaison
- WHS/OHS requirements, including:
 - emergency procedures and techniques
 - risk control measures
 - safe working practices and procedures.
- workplace documentation
- workplace policies and procedures.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate workplace conditions.

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.

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 (PPE) currently used in industry
- applicable documentation, including workplace procedures, 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>