



Australian Government

Assessment Requirements for UEP OPS526

Coordinate electrical energy production

Release: 1

Assessment Requirements for UEPOPS526 Coordinate electrical energy production

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 electricity generating unit and generating power 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 working practices
- communicating with personnel
- completing documentation
- coordinating electricity generating unit operations
- coordinating power generation including:
 - controlling electricity generating unit systems energy generation
 - maintaining generator unit integrity
 - monitoring power generating plant and equipment operations
 - preparing power generation plant and equipment for operation
 - recognising power generation plant status
- identifying and responding to abnormal electricity generating unit system and power generating plant operating conditions
- implementing legislation, industry standards, codes of practice and regulations
- interpreting manufacturers' specifications and manuals
- monitoring electricity generating unit and power generating plant
- testing electricity generating unit and power generating plant operations using diagnostic and testing techniques

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:

- analysis of electricity generating unit and power generating plant faults
- control electricity generating unit energy generation
- coordination of electricity generating unit operations
- electricity generating unit and power generating plant components and interactions
- generator and electricity generating unit stability
- legislation, industry standards, codes of practice and regulations
- manufacturers' specifications and manuals
- monitor electricity generating unit and power generating plant operation
- power generating plant and equipment, its location and operating parameters
- 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>

