



Australian Government

Assessment Requirements for UEP OPS407 Start and run up gas turbine

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:

- applying Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) legislation including:
 - emergency procedures
 - risk control measures
 - safe working practices
- communicating with personnel
- conducting gas turbine plant and equipment for start and run up operation
- identifying gas turbine plant status
- implementing legislation, industry standards, codes of practice and regulations
- monitoring and operating gas turbine plant and equipment
- organising resources
- planning gas turbine work
- recognising and responding to abnormal gas turbine plant operating conditions
- starting, running up and operating gas turbine and associated plant and equipment
- testing gas turbine plant operations using diagnostic and data analysis techniques and tools to determine faults
- using recording procedures to complete documentation
- working with permit to work system

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:

- gas turbine critical operating parameters
- legislation, industry standards, codes of practice and regulations
- manufacturers' specifications and manuals
- permit to work system

- safety precautions associated with a gas turbine start up
- sequence of gas turbine operations
- techniques for operation of a gas turbine and associated plant and equipment
- typical arrangements of power generation plant
- Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) legislation including:
 - risk control measures
 - emergency procedures
 - safe working practices
- workplace policies and procedures
- workplace documentation

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>