



Australian Government

Assessment Requirements for UEP OPS408 Shut down a gas turbine

Release: 1

Assessment Requirements for UEPOPS408 Shut down a gas turbine

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 technical and operational information
- applying Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) legislated requirements including:
 - emergency procedures
 - risk control measures
 - safe working practices
- communicating with personnel
- completing documentation using recording procedures
- identifying gas turbine plant status
- inspecting and testing gas turbine plant operation using diagnostic and data analysis techniques and tools to determine faults
- monitoring and operating gas turbine plant and equipment
- preparing gas turbine shut down plan
- responding to abnormal gas turbine plant operating conditions
- shutting down a gas turbine plant including planning gas turbine shut down organising resources
- using permit to work system
- working with gas turbine plant and equipment

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:

- fault finding techniques
- gas turbine operating parameters
- manufacturers' specifications and manuals
- permit to work system

- principles and techniques of operation of a gas turbine and associated plant and equipment
- safety precautions associated with gas turbine shut down
- sequence of gas turbine operations
- technical and operational analysing techniques
- WHS/ OHS legislated requirements including:
 - emergency procedures
 - safe working practices
 - risk control measures
- 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>