



Australian Government

Assessment Requirements for UEPOPS411

Run up a steam turbine

Release: 1

Assessment Requirements for UEPOPS411 Run up a steam 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:

- applying Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) legislated requirements including:
 - emergency procedures
 - risk control measures
 - safe working procedures
- communicating with personnel
- identifying and responding to abnormal steam turbine plant operating conditions
- monitoring and operating steam turbine plant and equipment
- organise resources
- planning and preparing steam turbine operations work
- recognising steam turbine plant status
- recording procedures to complete documentation
- starting, running up and operating steam turbine and associated plant and equipment
- testing gas turbine plant operation using diagnostic and data analysis techniques and tools to determine faults
- 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 include knowledge of:

- permit to work system
- steam turbine operating procedures and processes
- system components and their interaction with other plant and equipment including steam turbine operations
- turbine supervision and control systems
- Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) legislation

including:

- emergency procedures
- risk control measures
- safe working procedures
- workplace policies and procedures
- workplace documentation manufacturers specifications and manuals

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>