



Australian Government

Assessment Requirements for UEPOPS409 Start up a boiler unit

Release: 1

Assessment Requirements for UEPOPS409 Start up a boiler unit

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 practices
- communicating with personnel
- employing temperature and pressure raising techniques
- identifying boiler unit plant status
- implementing legislation, industry standards, codes of practice and regulations
- monitoring and operating boiler unit plant and equipment
- organising resources
- planning and preparing boiler unit plant and equipment for start and run up operations
- recognising and responding to abnormal boiler unit plant operating conditions
- reviewing fuel consumption during boiler unit start up
- starting, running up and operating boiler unit and associated plant and equipment
- testing boiler unit plant operation 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:

- boiler system components and interaction with other plant and equipment
- boiler unit plant and equipment, its location and operating parameters
- manufacturers' specifications and manuals
- permit to work system

- techniques of fuel combustion
- temperature and pressure raising requirements
- typical arrangements of power production plant
- Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) regulations 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>