



Australian Government

Assessment Requirements for UEPOPS079 Operate and monitor an internal combustion single fuel reciprocating engine

Release: 1

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Modification History

Release 1. This is the first release of this unit of competency in the UEP Electricity Supply Industry - Generation Sector Training Package Release 2.0.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements and performance criteria on at least two separate occasions and include:

- analysing single fuel engine plant faults using data analysis techniques and tools
- applying work health and safety (OHS)/occupational health and safety (OHS) requirements, including:
 - emergency procedures
 - risk controls
 - safe work practices
- communicating with personnel
- completing documentation using recording procedures
- complying with regulations, legislative requirements, codes of practice, manufacturers' recommendations and specifications, and environmental requirements
- identifying single fuel engine plant status
- interpreting manuals
- monitoring and inspecting single fuel engine plant operation
- operating single fuel engines
- organising resources
- preparing and planning work
- preparing single fuel engine plant and equipment for operation
- recognising and responding to abnormal single fuel engine plant operating conditions
- testing single fuel engine plant operationally 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 and performance criteria and include knowledge of:

- manuals
- regulations, legislative requirements, codes of practice, manufacturers' recommendations and specifications, and environmental requirements
- single fuel engine internal combustion reciprocating engine types and characteristics

- single fuel engine plant and equipment, location and operating parameters
- single fuel engine plant status
- WHS/OHS legislated requirements, including:
 - emergency procedures
 - risk control measures
 - safe work practices
- workplace documentation
- workplace policies and procedures.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate workplace conditions.

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.

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 (PPE) currently used in industry
- applicable documentation, including workplace procedures, 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>