



Australian Government

Assessment Requirements for UEPMNT368 Repair and maintain stationary gas fuelled reciprocating engines

Release: 2

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Modification History

Release 2. Minor release to update superseded pre-requisite units.

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) requirements including:
 - emergency procedures
 - hazard identification
 - risk control measures
- communicating with personnel
- determining permit to work requirements
- disconnecting and reconnecting stationary gas fuelled reciprocating engine
- finding and rectifying faults
- preparing to repair and maintain stationary gas fuelled reciprocating engines
- repairing and maintaining stationary gas fuelled reciprocating engines including identifying faults completing and reporting on repair and maintenance work
- safe working practices implementing legislation, industry standards, codes of practice and regulations
- using manufacturers' specifications and manuals
- working with sustainable energy principles and practices

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:

- documentation and report requirements
- fault finding
- gas fuelled reciprocating engines
- gas fuels

- legislation, industry standards, codes of practice and regulations
- manufacturers' specifications and manuals
- permit to work system
- reconnection and disconnection of stationary gas fuelled reciprocating engines
- stationary gas fuelled reciprocating engine repair and maintenance
- sustainable energy principles and practices
- WHS/OHS legislated requirements including:
 - emergency procedures
 - hazard identification
 - 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>