



Australian Government

Assessment Requirements for UEPMNT312 Maintain industrial pressure vessels

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 Minor release to update superseded pre-requisite units.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
 - safe working practices
- communicating with personnel
- completing work as per schedules
- dismantling and reassembling components
- identifying, repairing and installing pressure system components
- interpreting manufacturers' specifications and manuals
- manufacturing and installing gaskets and seals
- operating in permit to work system
- planning for industrial pressure vessel maintenance work
- reassembling industrial pressure vessel
- removing associated equipment to facilitate maintenance using removal techniques
- dismantling and maintaining industrial pressure vessel utilising maintenance techniques and procedures
- using tools including specialised tools and jigs
- utilising installation, testing, levelling and alignment techniques
- working on pressure vessels, valves and mountings

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:

- component dismantling and reassembly
- industrial pressure vessels
- legislation, industry standards, codes of practice and regulations
- levelling and alignment techniques
- manufacture and installation of gaskets and seals
- manufacturers' specifications and manuals
- materials and components
- permit to work system
- pressure system characteristics
- repair and installation of pressure system components
- technical drawings
- tools including specialised tools and jigs
- typical arrangements of power production plant
- valves and mountings
- valves and pressure system components
- 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>