



Australian Government

Assessment Requirements for UEPMNT302 Install and maintain industrial pipe work

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 Minor release to update superseded pre-requisite units.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:

- analysing data using analysis techniques
- 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 scheduled requirements
- determining work to permit requirements
- dismantling and reassembling industrial pipework using approved techniques
- fabricating and installing industrial pipe work using installation and fabrication techniques and procedures maintain industrial pipe work using maintenance techniques and procedures
- fabricating and installing industrial pipework
- implementing legislation, relevant industry standards, codes of practice and regulations
- interpreting manufacturers' specifications and manuals
- interpreting technical drawings and data
- planning for installation and maintenance pipe work
- recognising worn or damaged components
- selecting materials and components
- undertaking measurements with measuring equipment
- using tools
- utilising testing techniques
- working with pipe levelling and alignment techniques

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:

- data analysis techniques
- isolations
- legislation, industry standards, codes of practices and regulations
- maintenance of industrial pipework
- manufacturers' specifications and manuals
- materials and components
- measuring equipment
- permit to work system
- pipe levelling and alignment techniques
- pipe work fabrication and installation techniques
- technical drawings and plans
- techniques for dismantling and reassembling industrial pipes recognition of worn or damaged components
- testing techniques
- tools
- types and characteristics of industrial pipe work
- 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
- applicable documentation including workplace procedures, industry standards, equipment specifications, regulations, codes of practice and operation manuals.
- relevant and appropriate materials, tools, equipment and personal protective equipment currently used in industry

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1715b9fa-e7bd-441c-bb8d-cf22c9c825a8>