



Australian Government

Assessment Requirements for UEPMNT305 Maintain industrial fans

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 Minor release to update superseded pre-requisite units.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 using completing work procedures
- determining installation techniques and procedures
- dismantling and assembling components
- identifying and using measuring equipment
- implementing legislation, industry standards, codes of practice and regulations
- interpreting manufacturers' specifications and manuals
- maintaining industrial fans
- planning and preparing for industrial fan maintenance work
- recognising worn or damaged components
- removing industrial fan for maintenance
- replacing and installing industrial fans
- selecting materials and components
- using removal and balancing techniques
- using tools
- utilising permit to work system
- working with maintenance techniques and procedures including coupling, levelling, aligning and working to defined tolerances

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:

- defined tolerances
- dismantle and reassemble techniques
- legislation, industry standards, codes of practice and regulations
- maintain industrial fans
- manufacturers' specifications and manuals
- measurement equipment
- permit to work system
- recognition of worn or damaged components
- selection of materials and components
- techniques for coupling, levelling and alignment
- tool use
- 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>