



Australian Government

Assessment Requirements for UEPMNT366 Maintain power plant inverter systems

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 Minor release to update superseded pre-requisite units.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
 - identifying hazards
 - risk control measures
 - safe working practices
- communicating with personnel
- completing work and finalising completion details
- determining permit to work requirements
- implementing legislation, industry standards, codes of practice and regulations
- installation techniques and procedures
- interpreting manufacturers' specifications and manuals
- maintaining power plant inverter systems using maintenance procedures
- planning for power plant inverter system work
- selecting materials and resources
- undertaking isolations

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:

- equipment and materials
- inverter plant and equipment, and its location and operation
- isolations
- legislation, industry standards, codes of practice and regulations

- maintenance of power inverter plant systems
- maintenance techniques
- manufacturers' specifications and manuals
- permit to work system
- resources and materials
- typical arrangements of power production plant
- WHS/OHS legislated requirements including:
 - emergency procedures
 - potential hazards
 - 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>