



Australian Government

**Assessment Requirements for UEPMNT359
Test and commission instrumentation
equipment**

Release: 2

Assessment Requirements for UEPMNT359 Test and commission instrumentation equipment

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 Minor release to update superseded pre-requisite units.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
- commissioning equipment
- commissioning equipment
- communicating with personnel
- completing work as per scheduled requirements
- determining permit to work system
- implementing legislation, codes of practice, regulations and industry standards
- inspecting, monitoring and testing wiring systems, piping and tubing systems and instrumentation equipment
- interpreting manufacturers' specifications and manuals
- performing with test and measurement instruments
- planning for testing and commissioning instrumentation equipment work
- selecting materials
- testing and commissioning instrumentation equipment using testing techniques
- using tools and equipment
- utilising commissioning techniques and procedures
- working with data analysis techniques and tools

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
- instrument calibration techniques
- instrumentation systems and operational requirements
- isolations
- legislation, industry standards, codes of practice and regulations
- manufacturers' specifications and manuals
- permit to work system
- plant and equipment and its location
- safe working practices workplace documentation
- test and commission instrumentation equipment
- test and measurement instruments
- testing and commissioning techniques
- typical arrangements of power production plant
- WHS/OHS legislated requirements including:
 - emergency procedures
 - hazard identification
 - risk control measures
- 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>