



**Australian Government**

**Assessment Requirements for UEPMNT320  
Inspect and repair faults in mechanical  
equipment and components**

**Release: 1**

# Assessment Requirements for UEPMNT320 Inspect and repair faults in mechanical equipment and components

## Modification History

**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 scheduling requirements
- determining permit to work requirements
- identifying faults
- implementing legislation, industry standards, codes of practice and regulations
- inspecting and dismantling mechanical equipment or components using dismantling techniques and procedures
- interpreting technical drawings, plans, manufacturers' specifications and manuals
- manufacturing mechanical equipment parts or components
- performing assessments
- planning for mechanical equipment and component inspection and fault repair work
- reassembling mechanical equipment or components reassembling techniques and procedures
- repairing faulty mechanical equipment or components using repair techniques and procedures
- using overhaul and maintenance techniques and procedures
- using tools, equipment and materials
- working with 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:

- equipment and material required
- fault identification techniques
- generation plant and equipment and its location
- inspection and repair of faults in mechanical equipment and/or components
- legislation, industry standards, codes of practice and regulations
- level and alignment techniques
- manufacturers' specifications and manuals
- permit to work system
- repair techniques
- safe working practices workplace documentation
- technical drawings and plans
- 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.education.gov.au/Pages/TrainingDocs.aspx?q=1715b9fa-e7bd-441c-bb8d-cf22c9c825a8>

