



Australian Government

Assessment Requirements for UEPMNT339 Perform sheet metal work

Release: 1

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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
- fabricating sheet metal work using fabrication techniques and procedures
- implementing legislation, industry standards, codes of practice and regulations
- installing sheet metal work utilising installation techniques and procedures
- interpreting manufacturers' specifications and manuals
- marking out and developing sheet metal work using laying out, marking off/out and development techniques and procedures
- performing with environmental procedures
- planning for sheet metal work
- reading technical drawings and plans
- selecting materials and machinery
- undertaking measurements
- using 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:

- basic metallurgy

- fabrication marking off/out and development methods
- fabrication techniques
- generation plant and equipment and its location
- installation techniques
- legislation, industry standards, codes of practice and regulations
- manufacturers' specifications and manuals
- permit to work system
- sheet metal machinery
- sheet metal work
- technical drawings and plans
- tools
- typical arrangements of power production plant
- 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
- 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>