



Australian Government

Assessment Requirements for UEECD0011

Comply with scheduled and preventative maintenance program processes

Release: 1

Assessment Requirements for UEECD0011 Comply with scheduled and preventative maintenance program processes

Modification History

Release 1. This is the first release of this unit of competency in the UEE Electrotechnology Training Package.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements, performance criteria and range of conditions on at least two separate occasions and include:

- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements, including:
 - using risk control measures
 - checking tools, equipment and testing devices for correct operation and safety
- applying sustainable energy principles and practices
- communicating effectively with relevant stakeholders
- complying with scheduled and preventative maintenance program processes, including:
 - interpreting maintenance schedule requirements correctly
 - following quality assurance and risk management compliance processes
 - following maintenance schedule
 - inspecting and evaluating apparatus for quality assurance and risk compliance
 - arranging for corrective action of non-compliant apparatus
 - documenting maintenance work
- consulting relevant person/s to coordinate maintenance
- dealing with unplanned events in accordance with workplace procedures in a manner that minimises risk to personnel and equipment
- determining location of equipment maintenance
- ensuring circuits/machines/plant are isolated
- interpreting system specifications and diagrams
- maintaining a clean worksite and equipment
- obtaining relevant resources to conduct maintenance
- performing regular quality checks.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements, performance criteria and range of conditions and include

knowledge of:

- corrective action procedures for non-compliant apparatus
- data acquisition, including:
 - plant history cards/files
 - inspection techniques
 - predictive maintenance
 - remote visual inspection
 - non-destructive testing
 - thermography
 - vibration analysis
 - oil analysis
- maintenance plan, including:
 - characteristics of plant operation
 - assessment of failure characteristics
 - link failure characteristics to maintenance systems
 - identify production windows
 - resources
 - labour
 - materials
 - establish plan
 - implementation procedures
- maintenance principles, including:
 - maintenance function
 - role of maintenance department
- maintenance systems, including:
 - maintenance terminology
 - preventative maintenance
 - predictive maintenance
 - corrective maintenance
- quality assurance compliance processes
- relevant risk mitigation processes
- relevant WHS/OHS legislated requirements
- relevant workplace documentation
- relevant workplace policies and procedures
- review of maintenance plan, including:
 - analysis of records
 - manual and electronic recording methods
- scheduled and preventative maintenance process
- sustainable energy principles and practices
- techniques to inspect and evaluate apparatus for quality assurance and risk compliance.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate workplace conditions.

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.

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 (PPE) currently used in industry
- applicable documentation, including workplace procedures, 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=b8a8f136-5421-4ce1-92e0-2b50341431b6>