Assessment Requirements for UEERA0043 Find and rectify faults in appliance control systems and devices

Release: 1

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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:
  - applying risk control measures
  - identifying hazards
  - utilising safe working practices
- completing and reporting fault-finding and repair activities
- finding and rectifying faults in appliance control systems and devices, including:
  - completing documentation
  - dealing with unplanned events/situations in accordance with workplace procedures in a manner that minimises risk to personnel and equipment
  - finding faults
  - planning extent of work from fault/breakdown reports and discussions with supervisor/appropriate person/s
  - rectifying faults
  - using approved methodical fault-finding techniques
- preparing to find and rectify faults in appliance control systems and devices
- using manufacturer specifications.

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:

- finding and rectifying faults in appliance control systems and devices, including:
  - appliance characteristics and control parameters
  - appliance integrated communications components and their function
  - control systems and components, including appliance controls and electrical and/or

> electronic controls

- control terminology
- operation and application of electrical, electronic and mechanical appliance diagnostic tools, including types and construction
- system responses to parameter changes
- types of control

- relevant legislation, industry standards, codes of practice and regulations
- relevant manufacturer specifications
- relevant risk mitigation processes, including:
    - potential hazards
    - risk control measures
    - safe working practices
- relevant WHS/OHS legislated requirements
- relevant workplace documentation
- relevant workplace policies and procedures.

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, 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=b8a8f136-5421-4ce1-92e0-2b50341431b6