



Australian Government

Assessment Requirements for UEEEL0030 Conduct compliance inspection of single phase LV electrical installations

Release: 2

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Modification History

Release 2. Minor Change. Typographic error in prerequisites corrected.

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 one occasion and include:

- obtaining appropriate documentation and equipment in preparation for the inspection
- conducting detailed inspections and testing methodically
- identifying non-compliance defects
- relating non-compliance defects with appropriate clause in regulatory standards
- acting within the inspection authority when dealing with non-compliance defects
- documenting and reporting inspection findings
- dealing with unplanned events
- applying scope of inspection responsibilities
- completing inspection
- applying relevant industry standards
- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements, including using risk control measures
- following workplace procedures
- preparing and conducting compliance inspection, including:
 - inspecting mains, circuits and electrical equipment
- obtaining and using tools, equipment and testing devices
- performing calculations.

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:

- electrical installations, single phase inspections, including:
 - enterprise customer relations protocols encompassing:
 - purpose of customer relations

- procedures for dealing with customers
- dealing with customer issues
- electricity regulatory safety requirements encompassing:
 - regulatory requirements for ensuring the safety and integrity of electrical installations
 - regulatory requirements are relative to the jurisdiction for which competency is sought
 - types and scope of electrical inspections and safety audits
 - authority of electrical inspectors
- electrical installations, single phase inspections encompassing:
 - scope of inspection of single phase installations
 - processes for inspection of single supply arrangements, main switchboard and earthing
 - actions and procedures for dealing with non-compliance defects
- problem-solving techniques
- relevant industry standards
- relevant job safety assessments or risk mitigation processes
- relevant manufacturer specifications
- relevant tools, equipment and testing devices
- 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, 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>