



Australian Government

**Assessment Requirements for UEEEL0029
Conduct compliance inspection of LV
electrical installations with demand
exceeding 100 A per phase**

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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, inspections and safety compliance audits and tests of installations with demand of over 100 amperes (A) per phase, including:

- electrical installations, inspections and safety compliance audits encompassing:
 - inspection types and their scope
 - inspection of general electrical installations, special electrical installations, hazardous areas installations, safety audits and investigations
 - inspection procedures
 - processes for confirming that performance standards have been met
 - actions and procedures for dealing with non-compliance defect
- problem-solving techniques
- processes for inspection of single supply arrangements, main switchboard and earthing
- 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 suitable workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated suitable 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 simulations
- relevant and appropriate materials, tools, facilities, equipment and personal protective equipment (PPE) currently used in industry
- applicable documentation, including workplace procedures, equipment specifications, regulations, relevant industry standards, 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>