



Australian Government

Assessment Requirements for UEERS0035 Maintain wayside asset protection equipment

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 and performance criteria on at least two separate occasions and include:

- performing maintenance of asset protection equipment and including:
 - resourcing appropriate equipment to maintain asset protection equipment
 - interpreting circuit diagrams and site requirements
 - maintaining and repairing asset protection equipment effectively
 - using testing devices and tools correctly and safely
 - organising work to minimise traffic disruptions
 - locating and rectifying causes of failures and non conformances
 - completing relevant records and documentation
 - effectively dealing with unplanned events.

Knowledge Evidence

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

- types, operation and purpose of maintain wayside asset protection equipment
- technical standards and regulations that apply to rail networks
- typical format, and how to read and apply information from technical manuals and catalogues
- environmental and heritage awareness and regulation
- essentials of safe movement of trains
- rail wayside equipment, drawings and diagrams including:
 - drawing types and applications
 - drawing layouts and conventions
 - drawing symbols
 - cable and equipment schedules
 - circuit diagrams
- relevant rail wayside equipment, regulations and codes including:

- codes philosophy and format
- how to read and apply a code
- codes that apply to rail signalling
- rail wayside asset protection equipment including:
 - rolling stock conformance monitoring equipment
 - environmental condition monitors
 - automatic car identification equipment
 - safety monitoring devices
- relevant manufacturer specifications and manuals.

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 suitable 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, facilities, equipment and personal protective equipment (PPE) currently used in industry
- resources that reflect current industry practices in relation to maintaining asset protection
- 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>