



Australian Government

Assessment Requirements for TLIC4073 Set up, operate and shut down a distributed power system

Release: 2

Assessment Requirements for TLIC4073 Set up, operate and shut down a distributed power system

Modification History

Release 2. This is the second release of this unit of competency in the TLI Transport and Logistics Training Package:

- Minor terminology changes in Performance Criteria
- Minor statement changes in Performance Evidence
- Minor statement changes in Knowledge Evidence
- Minor statement changes in Assessment Conditions.

Release 1. This is the first release of this unit of competency in the TLI Transport and Logistics 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 one occasion and include:

- identifying job hazards and taking required actions to minimise, control or eliminate identified hazards
- monitoring equipment performance
- operating and adapting to differences in distributed power system equipment in accordance with workplace operating procedures
- reading, interpreting and following relevant workplace procedures, instructions, information and signs
- reporting and/or rectifying identified distributed power system problems, faults or malfunctions promptly in accordance with regulatory requirements and workplace procedures
- setting up, operating and shutting down a distributed power system.

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:

- applicable state/territory legislated rail safety requirements, codes of practice and/or guidelines
- controls, instruments and indicators of a distributed power system and their purpose, location and use
- critical distributed power system control information, including:
 - ancillary systems
 - braking

- compatible coupling
- drive equipment
- manufacturer instructions for distributed power units
- distributed power system documentation requirements
- procedures for:
 - distributed power system
 - identifying equipment defects in distributed power system and assessing identified defective units for appropriate actions
 - managing hazardous situations involving distributed power system
- rail network standards
- relevant work health and safety (WHS)/occupational health and safety (OHS) legislation, regulations, codes of practice, 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 rail corridor 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, equipment and personal protective equipment (PPE) currently used in industry
- applicable documentation including workplace procedures, regulations, rail network standards, codes of practice and operation manuals.

Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>