



Australian Government

TLIB3002 Test equipment and isolate faults

Release: 2

TLIB3002 Test equipment and isolate faults

Modification History

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

- Minor statement changes Performance Evidence
- Minor statement changes 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.

Application

This unit involves the skills and knowledge required to test equipment and to isolate faults in accordance with relevant codes of practice, regulations and workplace requirements within the transport and logistics industry.

It includes scoping and planning operational checks, checking equipment through its full operating range, and isolating faults and/or formulating recommendations for adjustment, repair or replacement.

Work is performed under some supervision, generally within a team environment.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not applicable.

Competency Field

B – Equipment Checking and Maintenance.

Unit Sector

Rail sector.

Elements and Performance Criteria

Elements describe the essential outcomes. Performance criteria describe the performance needed to demonstrate achievement of the element.

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| 1 Scope operational checks | 1.1 | Physical condition of equipment is observed |
| | 1.2 | Test procedures and parameters are identified in accordance with workplace procedures and manufacturer specifications |
| | 1.3 | Preliminary observations are recorded |
| | 1.4 | Test procedures are confirmed with appropriate staff, as required, and necessary permission is obtained |
| 2 Plan operational checks | 2.1 | Specifications and notes from preliminary observations are checked and clarified, as required |
| | 2.2 | Sequence of tests are planned noting where results and observations should be recorded |
| | 2.3 | Hazards are identified, risks are assessed and control measures are implemented |
| | 2.4 | Safe area for testing is identified |
| | 2.5 | Arrangements are made to obtain additional resources and staff, as required |
| 3 Check equipment through its full operating range | 3.1 | Tests are undertaken in accordance with relevant safety and operational requirements |
| | 3.2 | Results are recorded and findings are confirmed |
| 4 Isolate fault and/or formulate recommendations | 4.1 | Proposals for equipment repair are recorded based on faults found, cost/time implications and workplace approval systems |
| | 4.2 | Report is explained to relevant workplace personnel including options and recommendations |
| | 4.3 | Parts are procured and/or repairs are undertaken in accordance with enterprise procedures |

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions can be found in the TLI Transport and Logistics Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to TLIB3002A Test equipment and isolate faults.

Links

Companion Volume Implementation Guides are found in VETNet -

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