



Australian Government

Assessment Requirements for TLIB3075 Inspect and prepare a motive power unit

Release: 2

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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 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:

- adapting to differences in motive power units and associated equipment and procedures
- checking and replenishing fluids and carrying out lubrication requirements on a motive power unit
- communicating effectively and working collaboratively with others including:
 - operating electronic communication equipment to required protocol
- conducting a visual inspection of a motive power unit and associated equipment
- identifying and assessing motive power unit defects and deficiencies and taking appropriate actions to report, isolate, repair or replace identified defective equipment in accordance with workplace procedures
- identifying job hazards and taking required actions to minimise, control or eliminate identified hazards
- interpreting and following instructions and prioritising work
- monitoring and anticipating operational problems and hazards and taking appropriate actions including:
 - modifying activities depending on operational contingencies, risk situations and environments
- preparing a motive power unit prior to service
- reading and interpreting relevant instructions, workplace procedures and information and signs.

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:

- applicable state/territory legislated rail safety requirements, relevant codes of practice and/or guidelines including:
 - emergency response procedures
 - rail safety, work health and safety (WHS)/occupational health and safety (OHS), and environmental procedures and regulations
- external features of a motive power unit that must be checked during a pre-operational visual inspection
- fuel tank capacity and range, if fitted
- functions of:
 - auxiliary systems on a motive power unit and related checks for correct operation
 - operating controls to start, accelerate, decelerate and stop a motive power unit
 - supervisory indicators and controls and related checks for correct operation
- lubrication requirements for a motive power unit
- operating procedures for a motive power unit
- principles, purpose and location of controls, monitoring devices, braking, power source and traction systems
- workplace procedures and operating requirements for:
 - adjusting controls to optimise the operation of a motive power unit
 - braking and safety system procedures for motive power units
 - checking and operating electronic communications equipment in accordance with workplace procedures and required protocols
 - checking fuel and fluid levels and carrying out lubrication processes on a motive power unit
 - cleaning requirements for a motive power unit
 - documentation requirements
 - identifying equipment defects and assessing for appropriate actions
 - in-cab pre-operational checks for a motive power unit
 - inspection procedures for a motive power unit
 - managing and controlling hazardous situations when preparing and starting up a motive power unit
 - minor preventative maintenance including cleaning, brake shoe/pad replacement and sand box requirements
 - starting and operating auxiliary systems on a motive power unit
 - start-up procedures for motive power units
- typical defects that can occur on a motive power unit and related actions that should be taken.

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, 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>