



Australian Government

TLIC3029 Stable a heritage motive power unit

Release: 2

TLIC3029 Stable a heritage motive power unit

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.

Application

This unit involves the skills and knowledge required to stable a motive power unit in accordance with relevant workplace procedures, rail regulations and codes of practice.

It includes determining the required stabling location, shunting and securing a motive power unit, carrying out all required post-operational checks and completing post-operational paperwork.

People achieving competence in this unit will need to fulfil the applicable state/territory legislated rail safety requirements and to comply with relevant codes of practice and/or guidelines.

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

It involves the application of routine operational principles and procedures when stabling and securing a motive power unit across a variety of operational contexts in the Australian heritage rail system.

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

Pre-requisite Unit

Not applicable.

Competency Field

C – Vehicle Operation.

Unit Sector

Rail sector

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Determine stabling location

PERFORMANCE CRITERIA

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

1.1 Contact is made with network control officer and yard staff to determine planned location for stabling a motive power unit

1.2 Directions of network control officer and yard staff are interpreted and followed

1.3 Care is taken to keep clear of other roads

2 Stable heritage motive power unit

2.1 Hazards are identified, risks are assessed and risk control measures are implemented

2.2 Train is shunted and secured in accordance with directions, workplace procedures and rail regulations

2.3 Motive power unit is stabled as directed

2.4 Derailers are set in place in accordance with workplace procedures and rail regulations

2.5 Handbrakes are applied

2.6 Power brakes are applied

2.7 Motive power unit is shut down in accordance with manufacturer instructions and workplace procedures

2.8 Cab is secured in accordance with workplace procedures

3 Carry out post-operational checks

3.1 Fuel and fluid levels are checked and required actions are taken to replenish them

3.2 Inspection is made of motive power unit in accordance with workplace procedures

3.3 Identified faults and defects are fixed or reported and recorded in accordance with workplace procedures

3.4 Faulty and defective equipment that presents a safety risk is isolated and tagged in accordance with workplace procedures and rail regulations

3.5 Outcomes of post-operational checks are recorded in

accordance with workplace procedures

4 Complete post-operational paperwork

- 4.1** Required safeworking documentation is completed in accordance with workplace procedures and rail regulations
- 4.2** Equipment is returned and stowed in accordance with workplace requirements

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.

Unit Mapping Information

This unit replaces and is equivalent to TLIC3029A Stable a heritage motive power unit.

Links

Companion Volume Implementation Guides are found in VETNet -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>

Assessment Requirements for TLIC3029 Stable a heritage motive power unit

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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 heritage motive power units and associated equipment and workplace procedures
- checking and replenishing fluids and carrying out lubrication requirements on a heritage motive power unit
- communicating effectively and working collaboratively with others
- conducting a visual inspection of a heritage motive power unit
- documenting outcomes of inspecting a heritage motive power unit
- identifying job hazards and taking required actions to minimise, control or eliminate identified hazards
- interpreting and following operational instructions and prioritising work
- modifying activities depending on operational contingencies, risk situations and environments
- operating controls to start, accelerate, decelerate and stop a heritage motive power unit
- reading and interpreting relevant instructions, workplace procedures and information
- recognising problems that may arise when stabling a heritage motive power unit and taking appropriate actions.

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, relevant codes of practice and/or guidelines
- heritage motive power unit controls, instruments and indicators, and their purpose, location

and use

- rail safety, work health and safety (WHS)/occupational health and safety (OHS), and environmental procedures and regulations
- speed and load limit compliance requirements
- typical defects that can occur on a heritage motive power unit and related actions that should be taken
- workplace procedures for:
 - relevant documentation
 - identifying equipment defects and assessing for appropriate actions
 - managing hazardous situations when operating and stabling a heritage motive power unit
 - minor maintenance, cleaning, lubricating and servicing a heritage motive power unit
 - braking and safety system
 - emergency response
 - operating and shutting down auxiliary systems
 - stabling a heritage motive power unit.

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.

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