

# TLIC3031 Stable a heritage steam locomotive

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.

## **Application**

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

It includes determining the required stabling location, shunting and securing train, stabling and securing a heritage steam locomotive, 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 minimal supervision, generally within a team environment. It involves the application of routine operational principles and procedures when stabling and securing a heritage steam locomotive 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.

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#### **Elements and Performance Criteria**

#### **ELEMENTS**

#### PERFORMANCE CRITERIA

Elements describe the essential outcomes.

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

- 1 Determine stabling location
- **1.1** Contact is made with network control officer and yard staff to determine planned location for stabling a steam locomotive
- **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 and shut down heritage steam locomotive
- **2.1** Hazards are identified, risks are assessed and risk control measures implemented
- **2.2** Carriages or vehicles are shunted and secured in accordance with directions, workplace procedures and rail regulations
- **2.3** Steam locomotive is stabled in correct location as directed
- 2.4 Derailers are set in place in accordance with workplace procedures and rail regulations
- 2.5 Handbrakes are applied
- **2.6** Park brakes are secured
- **2.7** Steam locomotive is stabled in accordance with operator instructions and workplace procedures
- **2.8** Cab is secured in accordance with workplace procedures
- Carry out post-operational checks
- **3.1** Fluid and fuel levels are checked and any required actions taken to top up levels
- **3.2** Visual check is made of steam locomotive in accordance with workplace procedures

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- **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** Timesheet or other work record is completed
- **4.2** Roster is checked for future work allocation
- **4.3** Issues and variations are discussed and resolved with roster clerk
- **4.4** Required safeworking documentation and actions are completed in accordance with workplace procedures and rail regulations
- **4.5** 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 TLIC3031A Stable a heritage steam locomotive.

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## Links

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

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