Assessment Requirements for TLIC3031
Stable a heritage steam locomotive

Release: 1
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Modification History
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 heritage steam locomotives and associated equipment and procedures
- checking and replenishing fluids and fuel and carrying out lubrication requirements on a heritage steam locomotive
- communicating effectively with others
- completing relevant documentation
- conducting post-operational inspection of a heritage steam locomotive
- determining heritage steam locomotive stabling location
- identifying job hazards and taking required action to minimise, control or eliminate identified hazards
- interpreting and following operational instructions and prioritising work
- managing contingencies in accordance with workplace procedures
- modifying activities depending on operational contingencies, risk situations and environments
- reading and interpreting relevant instructions, procedures and information
- recognising problems that may arise when stabling a heritage steam locomotive and taking appropriate action.

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
- braking and safety system procedures
- emergency procedures
• heritage steam locomotive controls, instruments and indicators and their purpose, location and use
• monitoring devices; braking and power equipment, auxiliary systems, and signalling systems
• operating controls to start, accelerate, decelerate and stop a heritage steam locomotive
• procedure for completing relevant documentation
• procedures for identifying equipment defects, assessing and reporting for appropriate action
• procedures for managing hazardous situations
• procedures for minor maintenance, cleaning, lubricating and servicing heritage steam locomotives
• procedures for operating and shutting down ancillary systems
• procedures for operating and stabling a heritage steam locomotive
• relevant work health and safety (WHS)/occupational health and safety (OHS) and environmental procedures and regulations
• speed and load limits
• typical defects that can occur on a heritage steam locomotive and related action that should be taken.

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the Standards for Registered Training Organisations current at the time of assessment.

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Assessment must occur in workplace operational situations or, where this is not available, in simulated workplace operational situations that replicate rail 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 include:
• a range of relevant exercises, case studies and/or simulations
• relevant and appropriate materials, tools, equipment and personal protective equipment 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 -