



Australian Government

Assessment Requirements for TLIC3072

Conduct the duties of an assistant on a heritage 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:

- applying relevant safeworking system and workplace procedures
- assisting with pre-operational activities in accordance with workplace procedures
- checking and replenishing fluids and carrying out lubrication requirements on a heritage locomotive
- communicating effectively with others when inspecting and preparing a heritage locomotive
- completing relevant documentation
- conducting a visual inspection of a heritage locomotive and associated equipment
- documenting outcomes of visually inspecting a heritage locomotive
- identifying job hazards and taking required action to minimise, control or eliminate identified hazards
- interpreting and following instructions and prioritising work
- preparing a heritage locomotive prior to service
- reading, interpreting and following relevant instructions, procedures, information and signs
- working collaboratively with others as part of a train crew.

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:

- braking and safety system procedures for a heritage locomotive
- emergency procedures
- external features of a heritage locomotive that must be checked during a pre-operational visual inspection
- functions of auxiliary systems on a motive power unit and related checks for correct operation
- in-cab pre-operational checks for a heritage locomotive
- lubrication requirements for a motive power unit
- operating controls to start, accelerate, decelerate and stop a heritage locomotive
- operating procedures for a heritage locomotive
- principles, purpose and location of controls, monitoring devices, braking, power source and traction systems
- procedures for checking fuel and fluid levels, and carrying out lubrication processes on a heritage locomotive
- procedures for identifying equipment defects and assessing for appropriate action
- procedures for managing and controlling hazardous situations when preparing and starting up a heritage locomotive
- procedures for starting and operating auxiliary systems on a heritage locomotive
- relevant rail danger zones
- relevant safety, work health and safety (WHS)/occupational health and safety (OHS) and environmental procedures and regulations
- requirements for completing relevant documentation when inspecting and preparing a heritage locomotive
- start-up procedures for a heritage locomotive
- visual inspection procedures for a heritage locomotive
- workplace procedures and operating requirements.

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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Practical assessment must occur in an appropriate range of situations in the rail corridor workplace.

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, rail industry standards, 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>