



**Australian Government**

# **Assessment Requirements for TLIF5023 Undertake a derailment investigation**

**Release: 1**

# Assessment Requirements for TLIF5023 Undertake a derailment investigation

## 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 workplace procedures
- identifying job hazards and taking required action to minimise, control or eliminate identified hazards
- planning a derailment investigation in accordance with organisational and regulatory requirements
- producing a derailment investigation report
- reading and interpreting documentation and the organisation's rail safety compliance system, and applying these to a derailment investigation
- recognising non-conformance with rail safety requirements and taking appropriate action in accordance with organisational policies and procedures
- recording and preserving evidence when undertaking a derailment investigation in accordance with workplace procedures
- working collaboratively with employees and other management staff when undertaking a derailment investigation.

## 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:

- evidence collection and analysis techniques
- evidence preservation techniques
- notifiable occurrence reporting requirements in accordance with operational procedures
- rail safeworking systems
- relevant investigating and reporting legislation and regulations
- rolling stock operations including traction systems, braking systems, inspection regimes
- signalling systems
- terminology as defined by the applicable Rail Infrastructure Manager safeworking system

- including workplace procedures, regulations, rules and codes of practice
- track components and dynamics
  - wheel-track interface management.

## 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 rail workplace operational situations or, where this is not available, 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 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>