



**Australian Government**

# **Assessment Requirements for TLIF0045 Investigate rail safety incidents**

**Release: 1**

# Assessment Requirements for TLIF0045 Investigate rail safety incidents

## 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 two separate incidents associated with railway operations and include:

- analysing information in accordance with agreed scope of the investigation, applicable rail network standards and operational guidelines
- applying precautions and required actions to minimise, control or eliminate hazards that may exist when investigating safety incidents
- applying relevant rail network instructions, procedures and information to investigating safety incidents
- applying relevant legislation and workplace procedures
- communicating effectively and working collaboratively with others when investigating safety incidents
- completing documentation related to investigating rail safety incidents
- developing recommendations and corrective actions to reduce future risk in accordance with workplace procedures
- establishing agreed scope and methodologies of investigation with relevant personnel
- establishing investigation timeframes and locations with relevant personnel
- establishing the root cause and contributing factors to the safety incident
- interpreting and following operational instructions and prioritising work
- monitoring work activities in terms of planned schedule and scope of investigation
- preparing draft reports and recommendations including relevant additional technical support and/or information
- reporting on progress of rail safety incident investigation
- working systematically with required attention to detail without injury to self or others.

## 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:

- data collection and analysis techniques required when investigating safety incidents
- documentation and reporting requirements for investigating safety incidents

- notifiable occurrences reporting requirements prescribed by rail safety regulations
- operational work systems, equipment, management and site operating systems for investigating safety incidents
- problems that may occur when investigating safety incidents and appropriate actions that can be taken to resolve these problems
- root cause analysis techniques/tools
- scope of investigation
- state/territory rail safety legislation, codes of practice, rail network standards and/or guidelines
- workplace procedures and policies for the investigation of safety incidents associated with railway operations.

## 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 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 other simulations
- applicable documentation including workplace procedures, safety management system, regulations, codes of practice and operation manuals
- relevant and appropriate materials, tools, equipment and personal protective equipment (PPE) currently used in industry.

## Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>