



**Australian Government**

**Assessment Requirements for TLIF0013  
Manage the impact of human  
capabilities/limitations on human  
performance in a rail environment**

**Release: 1**

# Assessment Requirements for TLIF0013 Manage the impact of human capabilities/limitations on human performance in a rail environment

## 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:

- describing principles of human error
- identifying and explaining strategies for managing relevant factors that impact on human performance
- identifying human performance limitation that affect work performance
- identifying impact of factors relating to the organisation and wider systems in which people work on human performance
- identifying impact of individual capabilities and limitations
- identifying impact of interaction with others including:
  - communication on human performance
  - group dynamics on human performance
  - supervision on human performance
  - team coordination on human performance
  - team experience on human performance
- identifying impact of rules and procedures on human performance
- identifying impact of the design and operation of plant and equipment including technology, vehicles, tools, rollingstock and infrastructure on human performance
- identifying impact of the work environment including workspace, weather and surrounds on human performance and giving consideration to design, usability, comfort and suitability.

## 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:

- fair and just culture principles
- human centred design principles/human factors principles
- impact of factors relating to the organisation and wider systems in which people work on human performance
- impact of individual capabilities and limitations including:

- cognitive factors on human performance
- demographic factors on human performance including age, gender and mobility
- individual differences
- physical factors on human performance
- physiological factors on human performance
- psychological factors on human performance
- impact of interaction with others including:
  - communication on human performance
  - group dynamics on human performance
  - supervision on human performance
  - team coordination on human performance
  - team experience on human performance
- impact of plant and equipment including technology, vehicles, tools, rollingstock and infrastructure on human performance including consideration of design, usability, reliability and suitability
- impact of rules and procedures on human performance including consideration of design, usability and suitability
- impact of work environment including workspace weather and surrounds on human performance including consideration of design, usability, comfort and suitability
- recognising how leaders can influence human performance through:
  - the design of work schedules
  - planning of work
  - fostering an appropriate authority gradient concept
  - quality of supervision and feedback including actively managing unsafe behaviours for example, short cuts/work arounds
  - leadership and culture
- safety awareness including principles of human error.

## **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 a workplace environment.

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:

- a range of relevant exercises, case studies and/or simulations
- applicable documentation including legislation, regulations, codes of practice and workplace

procedures.

## **Links**

Companion Volume Implementation Guides are found in VETNet -

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