



Australian Government

Assessment Requirements for TLIF0015
Recognise the impact of human
capabilities/limitations on human
performance in a rail environment

Assessment Requirements for TLIF0015 Recognise 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 human performance limitations and capabilities 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:

- factors that contribute to human error
- 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 the work environment including workspace weather and surrounds on human performance including consideration of design, usability, comfort and suitability
- impact of workplace rules and procedures on human performance including consideration of design, usability and suitability
- individual strategies
- 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>