



**Australian Government**

# **Assessment Requirements for TLIW0001 Apply rail grinding fundamentals**

**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 three separate occasions and include:

- applying fundamental grinding techniques to meet requirements of rail network standards and workplace procedures
- applying relevant workplace procedures
- grinding welds and weld repairs using appropriate grinding wheel speed and rate of metal removal
- identifying job hazards and taking required action to minimise, control or eliminate identified hazards
- identifying job requirements
- operating grinding equipment safely
- reporting and/or rectifying identified problems, faults or malfunctions, in accordance with workplace procedures
- working systematically with required attention to detail without injury to self or others, or damage to goods or equipment.

## 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:

- accepted rail network standards for rail grinding
- documentation requirements
- grinding methods and results
- hazards that may exist when grinding rail and welds, and ways of controlling the risks involved
- manufacturer instructions and workplace procedures for operating grinding equipment
- problems that may occur when grinding rail and welds, and actions that can be taken to report or resolve these problems
- relevant rail safety, work health and safety (WHS)/occupational health and safety (OHS) and environmental procedures and regulations
- workplace procedures for grinding rail and welds.

## 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 rail 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:

- relevant and appropriate materials, tools, grinding equipment and personal protective equipment (PPE) currently used in industry
- applicable documentation including workplace procedures, regulations, rail network 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>