



Australian Government

Assessment Requirements for TLIW2012 Grind rails

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 grinding techniques to achieve rail profile and surface condition to meet requirements of rail industry standards and procedures
- applying relevant safeworking system and 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
- implementing contingency plans
- interpreting and following operational instructions and prioritising work
- modifying activities depending on operational contingencies, risk situations and environments
- monitoring work activities in terms of planned schedule
- operating and adapting to differences in equipment in accordance with operating procedures
- operating grinding equipment safely
- reading and interpreting relevant technical data, drawings, instructions and manuals
- reporting and/or rectifying identified problems, faults or malfunctions, in accordance with workplace procedures
- selecting and using hand tools, power tools and equipment
- 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 industry standards for rail profile and surface condition
- documentation and record keeping 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 action that can be taken to report or resolve these problems
- relevant safety, work health and safety (WHS)/occupational health and safety (OHS) and environmental procedures and regulations
- relevant safeworking systems and operational procedures
- workplace procedures for grinding rail and welds.

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 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>