



Australian Government

TLIS3025 Implement ballast unloading

Release: 2

TLIS3025 Implement ballast unloading

Modification History

Release 2. This is the second release of this unit of competency in the TLI Transport and Logistics Training Package:

- Minor statement changes in Assessment Conditions.

Release 1. This is the first release of this unit of competency in the TLI Transport and Logistics Training Package.

Application

This unit involves the skills and knowledge required to implement ballast unloading in accordance with safeworking and regulatory requirements, and workplace procedures.

It includes determining the job requirements, carrying out the unloading activity in accordance with work orders, and completing all required documentation.

People achieving competence in this unit will need to fulfil the applicable state/territory legislated rail safety requirements and to comply with relevant codes of practice and/or guidelines.

Work is performed under limited supervision, generally within a team environment. It involves the application of routine operational principles and procedures when implementing ballast unloading, as part of workplace activities across a variety of operational context within the Australian rail system.

Operators of mechanised equipment must have undertaken training and, where appropriate, hold the relevant licence, permit or certificate and be recognised as competent for the class of machinery being used.

Pre-requisite Unit

Not applicable.

Competency Field

S – Construction and Installation

Unit Sector

Rail sector.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Determine job requirements

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

- 1.1** Work requirements are determined for new ballast work and/or repair of existing ballast
- 1.2** Hazards are identified, risks are assessed and control measures are implemented
- 1.3** Obstacles in work area are identified and removal or protection are organised as necessary to ensure smooth workflow in accordance with workplace procedures
- 1.4** Resources are organised to meet the scope of the job and appropriate work methods are selected
- 1.5** Ballast quantities are determined

2 Undertake ballast unloading

- 2.1** Site communications are established and agreed to ensure safe and efficient working conditions
- 2.2** Ballast unloading operation is implemented to ensure appropriate flow rates and extent
- 2.3** Ballast is distributed by manual and/or mechanical methods to allow safe operation of trains
- 2.4** Ballast is removed from sensitive infrastructure to ensure safe operation of trains and safety of public

3 Complete documentation

- 3.1** Required documentation procedures and processes are confirmed
- 3.2** Documentation is filled in legibly and proofread
- 3.3** Documentation is processed in accordance with workplace requirements

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Unit Mapping Information

This unit replaces and is equivalent to TLIS3025A Implement ballast unloading.

Links

Companion Volume Implementation Guides are found in VETNet -

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