



Australian Government

TLIW2028 Identify the principles of ballast cleaning operations

Release: 2

TLIW2028 Identify the principles of ballast cleaning operations

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 identify the principles of ballast cleaning operations.

It includes determining components and work stations of ballast cleaning machines, identifying ballast cleaning functions, and identifying hazards and risks associated with ballast cleaning operations.

The unit provides an introduction to ballast cleaning and is not to be used for their operation, which must be covered by individual certification for the particular machine.

Operators of ballast cleaning machines must have undertaken training and hold the relevant licence, permit or certificate and be recognised as competent for each type of machinery being used.

Pre-requisite Unit

Not applicable.

Competency Field

W – Equipment and Systems Operations

Unit Sector

Rail sector.

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential Performance criteria describe the performance needed to

outcomes.

demonstrate achievement of the element.

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|---|---|
| 1 Determine components and work stations of ballast cleaning machines | 1.1 Ballast cleaning machine components and individual work stations are identified

1.2 Purpose of identified components and individual work stations is explained

1.3 Associated hazards of each component and appropriate control methods are identified |
| 2 Identify ballast cleaning functions | 2.1 Purposes of ballast cleaning are identified

2.2 Method is identified by which the machine completes ballast cleaning operations in accordance with network owner's standards |
| 3 Identify hazards and risks associated with ballast cleaning operations | 3.1 Environmental hazards are identified

3.2 Potential risks to the rail infrastructure are identified |

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 TLIW2028A Identify the principles of ballast cleaning operations.

Links

Companion Volume Implementation Guides are found in VETNet -

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

