



Australian Government

TLIW2030 Identify the principles of dynamic track stabiliser operations

Release: 2

TLIW2030 Identify the principles of dynamic track stabiliser 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 dynamic track stabiliser operations.

It includes determining components and work station of dynamic track stabilisers, identifying dynamic track stabiliser functions, and identifying hazards and risks associated with dynamic track stabiliser operations.

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

Components may include:

- chart recorders
- clamps
- lifting and lining systems
- ploughs
- stabiliser unit
- trolleys.

Work stations may include:

- data input
- drive station
- external work station
- main operator station.

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

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not applicable.

Competency Field

W – Equipment and Systems Operations

Unit Sector

Rail sector.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Determine components and work stations of dynamic track stabilisers

2 Identify dynamic track stabiliser functions

3 Identify hazards and risks associated with dynamic track stabiliser operations

PERFORMANCE CRITERIA

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

1.1 Dynamic track stabiliser components and individual work stations are identified

1.2 Purpose of the identified components and individual work stations is explained

1.3 Associated hazards of each component and appropriate control methods for each are identified

2.1 Purposes of the dynamic track stabiliser are identified

2.2 Methods by which the dynamic track stabiliser consolidates the ballast to meet network owner's rail industry standards are identified

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 TLIW2030A Identify the principles of dynamic track stabiliser operations.

Links

Companion Volume Implementation Guides are found in VETNet -

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