



**Australian Government**

# **TLIS2036 Use chemical repair products**

**Release: 1**

# TLIS2036 Use chemical repair products

## Modification History

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 use chemical repair products in accordance with safeworking and regulatory requirements, and workplace procedures.

It includes determining work requirements, applying a chemical repair method in accordance with manufacturer instructions 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 some supervision, generally within a team environment. It involves the application of routine operational principles and procedures when using chemical repair products, as part of workplace activities across a variety of operational contexts within the Australian rail system.

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

## Pre-requisite Unit

Not applicable.

## Competency Field

S – Construction and Installation

## Unit Sector

Not applicable.

## Elements and Performance Criteria

Elements describe the essential outcomes.

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

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|-------------------------|--|
| <b>1 Determine work</b> | 1.1 Site is inspected thoroughly to establish best means of repair |
|-------------------------|--|

- requirements**
- 1.2 Work requirements are determined to identify scope of work and resources required
  - 1.3 Hazards are identified, risks are assessed and control measures are implemented
  - 1.4 Personal protective equipment is identified, selected and used as required
- 2 Apply repair method**
- 2.1 Components and surfaces are cleaned and prepared in accordance with manufacturer instructions and workplace procedures to ensure maximum bond strength
  - 2.2 Chemical repair product is mixed and prepared in accordance with manufacturer instructions and workplace procedures to ensure maximum bond strength
  - 2.3 Chemical repair product is applied in accordance with manufacturer instructions and workplace procedures to minimise waste and maximise effectiveness
  - 2.4 Repair site is cleaned of excess repair product to ensure clean finish
  - 2.5 Repair is stabilised and supported using appropriate method until product is sufficiently cured to enable maximum bond strength
  - 2.6 Chemical repair product is used in a safe and environmentally sound manner to minimise health and safety risks to personnel
- 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 procedures

## 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.

Non-essential conditions can be found in the Companion Volume Implementation Guide.

## **Unit Mapping Information**

This unit replaces and is equivalent to TLIS2036A Use chemical repair products.

## **Links**

Companion Volume implementation guides are found in VETNet -

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