



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