



Australian Government

TLIU2008 Apply environmental procedures to rail infrastructure

Release: 2

TLIU2008 Apply environmental procedures to rail infrastructure

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 care for the environment during rail infrastructure maintenance and construction activities in accordance with rail network standards, safeworking and regulatory requirements, and workplace procedures.

It includes minimising the effects of pollution during work, and transporting and handling hazardous materials safely in accordance with environmental protection regulations and guidelines.

Work must be carried out in accordance with relevant state/territory environmental protection regulations and workplace procedures.

Work is performed under some supervision generally within a team environment.

It involves the application of basic environmental protection principles and regulations when undertaking rail infrastructure maintenance and construction activities.

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

Pre-requisite Unit

Not applicable.

Competency Field

U – Environment

Unit Sector

Rail sector.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

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

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| 1 Minimise the effects of pollution during work | 1.1 Precautions are taken to ensure spilt fuel, lubricants, chemicals and noxious plants do not pollute the environment |
| | 1.2 Equipment and vehicles are operated efficiently to minimise air pollution through excessive exhaust emissions |
| | 1.3 Unnecessary running of engines/equipment is avoided to minimise air pollution |
| | 1.4 Worksites are kept clean and tidy during work operations and waste is disposed of in accordance with environmental regulations and workplace procedures |
| | 1.5 Contaminants from worksites are contained by use of appropriate traps and barriers |
| | 1.6 Noise pollution from work is minimised |
| 2 Minimise the effects of pollution during maintenance | 2.1 Housekeeping and environmental protection precautions and procedures are implemented during maintenance and construction activities |
| | 2.2 Rubbish is deposited in designated rubbish disposal bins |
| 3 Avoid environmental damage | 3.1 Sensitive sites in the work vicinity are identified |
| | 3.2 Suitable precautions are taken to avoid damage to identified sensitive sites |
| 4 Transport/handle environmentally hazardous materials safely | 4.1 Instructions contained in safety data sheets (SDS)/material safety data sheets (MSDS) for safe transportation requirements are followed in accordance with Australian Dangerous Goods (ADG) Code and workplace requirements |
| | 4.2 Contaminants are disposed of in accordance with relevant regulations, workplace procedures and guidelines |
| | 4.3 Environmentally hazardous materials are handled and |

moved in accordance with relevant regulations, and workplace procedures and guidelines aimed at minimising the risk of environmental pollution

5 Report environmental breaches

5.1 Environmental breaches are identified

5.2 Workplace procedures for reporting environmental breaches are implemented

5.3 Required documentation is completed and processed in accordance with relevant regulations and 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.

Unit Mapping Information

This unit replaces and is equivalent to TLIU2008A Apply environmental procedures to rail infrastructure.

Links

Companion Volume Implementation Guides are found in VETNet -

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