



**Australian Government**

# **TLIU1009 Monitor plant and equipment in an environmentally sustainable manner**

**Release: 2**

# TLIU1009 Monitor plant and equipment in an environmentally sustainable manner

## 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 monitor plant and equipment in an environmentally sustainable manner, in accordance with relevant state/territory environmental protection regulations, guidelines and workplace procedures.

It includes minimising the effects of pollution when operating and monitoring plant and equipment. It also includes transporting and handling environmentally hazardous materials safely.

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

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

Not applicable.

## Elements and Performance Criteria

### ELEMENTS

### PERFORMANCE CRITERIA

Elements describe the essential    Performance criteria describe the performance needed to

outcomes.

demonstrate achievement of the element.

- |   |   |
|---|---|
| <b>1 Minimise pollution effects during operations</b>                   | <b>1.1</b> Precautions are taken to ensure spilt fuel, lubricants and chemicals do not pollute the environment  |
|   | <b>1.2</b> Plant and equipment are operated efficiently to minimise air pollution through excessive exhaust emissions   |
|   | <b>1.3</b> Running of plant and equipment is minimised to avoid unnecessary noise and air pollution   |
|   | <b>1.4</b> Worksites are kept clean and tidy during work operations and waste is disposed of in accordance with environmental protection regulations and workplace procedures                             |
| <b>2 Minimise pollution effects when monitoring plant and equipment</b> | <b>2.1</b> Routine checks are conducted or organised to ensure plant and equipment are operating correctly, including emission controls where fitted  |
|   | <b>2.2</b> Suitable precautions are taken when cleaning plant and equipment not to pollute the environment  |
|   | <b>2.3</b> Care is taken during services and maintenance operations to implement housekeeping procedures and environmental protection precautions and procedures  |
|   | <b>2.4</b> Rubbish is deposited in designated rubbish disposal bins   |
| <b>3 Transport/handle environmentally hazardous materials safely</b>    | <b>3.1</b> Relevant documentation is completed in accordance with government regulations and workplace requirements   |
|   | <b>3.2</b> Waste and effluent are disposed of in accordance with government regulations and workplace procedures  |
|   | <b>3.3</b> Environmentally hazardous materials are handled and moved in accordance with relevant regulations, workplace procedures and guidelines aimed at minimising the risk of environmental pollution |
|   | <b>3.4</b> Routes for plant and equipment carrying hazardous and noxious loads are planned to minimise risk to the environment in an accident or spillage   |

## 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 TLIU1009A Monitor plant and equipment in an environmentally sustainable manner.

## **Links**

Companion Volume Implementation Guides are found in VETNet -

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