



**Australian Government**

# **TLIC0079 Operate a motive power unit within defined limits**

**Release: 2**

# TLIC0079 Operate a motive power unit within defined limits

## 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 Performance Evidence
- Minor statement changes in Knowledge Evidence
- 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 operate and monitor a motive power unit within defined limits in accordance with relevant workplace practices, rail regulations and codes of practice.

It includes operating the controls of the motive power unit and monitoring its performance. It also includes working collaboratively with other train crew and relevant personnel.

Defined limits are considered to be yards, terminals or sidings.

This unit is not intended to be used as a qualification for operation of a motive power unit on a main line.

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

## Pre-requisite Unit

Not applicable.

## Competency Field

C – Vehicle Operation.

## Unit Sector

Rail sector.

## Elements and Performance Criteria

### ELEMENTS

### PERFORMANCE CRITERIA

Elements describe the essential outcomes.

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

### **1 Operate motive power unit**

- 1.1** Motive power unit is operated at low speed within the defined limits of operation
- 1.2** Motive power unit handling techniques are interpreted and applied to eliminate or minimise risk of injury to personnel or damage to equipment and/or rolling stock
- 1.3** Acceleration and braking techniques are applied safely to take into account track, road and weather conditions within the defined limits of operation
- 1.4** Motive power unit is moved in a way that ensures all rolling stock is positioned safely in accordance with relevant codes of practice, yard or siding operating systems and related requirements

### **2 Work collaboratively**

- 2.1** Safe operation of motive power unit is maintained in collaboration with relevant workplace personnel in accordance with operational requirements of the defined limits
- 2.2** Constant communication is maintained with relevant personnel when operating a motive power unit within the defined limits in accordance with organisational procedures and regulatory requirements
- 2.3** Relevant personnel are advised of any changed/degraded conditions and/or emergency situations
- 2.4** Directions provided by relevant personnel to the limited operation of the motive power unit are interpreted and applied to driving activities in accordance with workplace procedures and applicable regulatory requirements

### **3 Follow all applicable rail regulatory requirements**

- 3.1** Workplace procedures to operate a motive power unit within the defined limits are used
- 3.2** Rail regulatory requirements applicable to operating a motive power unit within the defined limits of the track or road concerned are accessed, interpreted, clarified as required and applied

## **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 TLIC0079A Operate a motive power unit within defined limits.

## **Links**

Companion Volume Implementation Guides are found in VETNet -  
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>