

<b>Title</b>	<b>Operate a central tyre inflation system for a heavy motor vehicle</b>		
<b>Level</b>	<b>1</b>	<b>Credits</b>	<b>1</b>

<b>Purpose</b>	People credited with this unit standard are able to: describe a central tyre inflation (CTI) system for a heavy motor vehicle; and demonstrate the operation of a CTI system for a heavy motor vehicle.
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<b>Classification</b>	Commercial Road Transport > Commercial Road Transport Skills
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<b>Available grade</b>	Achieved
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### Guidance Information

1 Legislation, regulations, references and/or industry standards relevant to this unit standard include but are not limited to the:

- Land Transport Rule: Tyres and Wheels 2001;
- Land Transport Rule: Tyres and Wheels Amendment 2005.

Any new, amended or replacement Acts, regulations, standards, codes of practice, guidelines, or authority requirements or conditions affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard.

2 Definition

*Workplace procedures* refer to organisation policies and procedures that are documented in memo, electronic, or manual format and available in the workplace. They may include but are not limited to – standard operating procedures, site specific procedures, site safety procedures, equipment operating procedures, quality assurance procedures, product quality specifications, manufacturer’s requirements, references, approved codes of practice, housekeeping standards, environmental considerations, on-site briefings, supervisor’s instructions, and procedures to comply with legislative and local body requirements relevant to the commercial road transport sector.

3 Assessment information

Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable service information, workplace procedures and legislative requirements.

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### Outcomes and performance criteria

#### Outcome 1

Describe a CTI system for a heavy motor vehicle.

**Performance criteria**

1.1 Settings of a CTI system in relation to road conditions and terrain are described.

Range loaded – sealed and unsealed roads;  
unloaded – sealed and unsealed roads;  
parked.

**Outcome 2**

Demonstrate the operation of a CTI system for a heavy motor vehicle.

Range vehicle must have a fitted CTI system.

**Performance criteria**

2.1 The settings of the system are demonstrated in relation to road conditions and terrain.

Range loaded – sealed and unsealed roads;  
unloaded – sealed and unsealed roads;  
parked.

<b>Planned review date</b>	31 December 2028
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	23 January 2002	31 December 2017
Review	2	27 October 2006	31 December 2017
Revision	3	25 May 2007	31 December 2017
Review	4	16 April 2015	31 December 2022
Review	5	29 April 2021	31 December 2025
Review	6	29 June 2023	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0014
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

**Comments on this unit standard**

Please contact Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council [qualifications@hangaarorau.nz](mailto:qualifications@hangaarorau.nz) if you wish to suggest changes to the content of this unit standard.