

Title	Test a vehicle heating and ventilation system		
Level	3	Credits	3

Purpose	<p>This unit standard is intended for people in the automotive repair industry.</p> <p>People credited with this unit standard are able to test the vehicle heating and ventilation system for operation, and test vehicle heating and ventilation components for serviceability.</p>
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Classification	Motor Industry > Automotive Heating, Ventilation, and Air Conditioning
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Available grade	Achieved
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Guidance Information

- 1 Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable service information, and company requirements and legislative requirements. This includes the knowledge and use of suitable tools and equipment.
- 2 Performance of the outcomes of this unit standard must comply with the following: Health and Safety at Work Act 2015; Australia and New Zealand Refrigerant handling code of practice 2007 <https://www.irhace.org.nz/publications-2/code-of-practice/>.
- 3 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.
- 4 Definitions

Company requirements refer to instructions to staff on policy and procedures that are available in the workplace. These requirements may include – company policies and procedures, work instructions, product quality specifications and legislative requirements.

Service information refers to technical information for a vehicle, machine, or product detailing operation; installation and servicing procedures; manufacturer instructions; technical terms and descriptions; and detailed illustrations.

Suitable tools and equipment refer to industry approved tools and equipment that are recognised within the industry as being the most suited to complete the task in a professional and competent manner with due regard to safe working practices.
- 5 For this unit standard, it is essential that the practical assessment evidence is obtained in the workplace under normal workplace conditions.

Outcomes and performance criteria

Outcome 1

Test the vehicle heating and ventilation system for operation.

Performance criteria

- 1.1 Testing is carried out and system malfunctions are noted, and their causes isolated by operating all features of the system.
- 1.2 The feasibility of a repair is determined based on relevant factors.
- Range relevant factors may include but are not limited to – type and extent of repairs required, cost of repair, availability, cost of replacement.
- 1.3 A recommendation based on feasibility is presented to the supervisor or customer.

Outcome 2

Test vehicle heating and ventilation components for serviceability.

Performance criteria

- 2.1 The electrical and vacuum controlled components are tested to ensure full serviceability of the system.
- Range includes but is not limited to – control system, flaps, doors, vents.

Planned review date	31 December 2025
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	29 October 1993	31 December 2022
Review	2	4 October 1996	31 December 2022
Review	3	26 February 1999	31 December 2022
Review	4	25 January 2008	31 December 2022
Review	5	29 April 2021	N/A

Consent and Moderation Requirements (CMR) reference	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 MITO New Zealand Incorporated info@mito.org.nz if you wish to suggest changes to the content of this unit standard.