

Title	Demonstrate knowledge of cleaning automotive components		
Level	2	Credits	2

Purpose	<p>This theory-based unit standard is intended for people who wish to enter or are employed in the automotive industry.</p> <p>People credited with this unit standard are able to: demonstrate knowledge of materials and equipment used to clean automotive components; and cleaning automotive components.</p>
----------------	---

Classification	Motor Industry > Motor Industry - Introductory Skills
-----------------------	---

Available grade	Achieved
------------------------	----------

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;
Hazardous Substances and New Organisms Act 1996;
Resource Management Act 1991, s15 Discharge of contaminants into environment;
Local body regulations.
- 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 As this unit standard covers many different work situations, the relevant industry code of practice relating to specific cleaning materials or substances, and the handling of specific materials, should be consulted.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of materials and equipment used to clean automotive components.

Performance criteria

- 1.1 Equipment used to clean automotive components is described.
- Range includes but is not limited to – high-pressure sprays, cabinets, bath or tank, ultrasonic cleaner, sand or bead blaster, baskets, agitators.
- 1.2 Materials used for cleaning automotive components are described.
- Range includes but is not limited to – solvent-based, water-based detergents.
- 1.3 Housekeeping requirements when using cleaning materials are explained.
- Range product storage and dispensing, equipment storage, equipment cleaning, use of drip trays, solvent recycling, floor cleaning, disposing of cleaning rags and materials.

Outcome 2

Demonstrate knowledge of cleaning automotive components.

Performance criteria

- 2.1 Procedures for cleaning automotive components are described.
- Range includes but is not limited to – hand cleaning, machine cleaning; small components, large components, material types, reaction against chemicals and heat, sealed components, open components; removing corrosion, removing foreign matter.
- 2.2 Precautions to be observed when using cleaning materials are explained.
- Range handling of cleaning medium; chemical storage; protection against breathing vapours; protection against heat; protection to skin, eyes, feet, and clothes.

2.3 Procedures to protect electrical, electronic, and other componentry against damage when cleaning are described.

Range includes but is not limited to – heat application, chemical reaction, water and/or solvent ingress.

2.4 Procedures to remove waste from the cleaning area in an environmentally safe manner are described.

Planned review date	31 December 2025
----------------------------	------------------

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	27 July 2005	31 December 2022
Revision	2	25 July 2007	31 December 2022
Review	3	29 April 2021	N/A

Consent and Moderation Requirements (CMR) reference	0014
--	------

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.