

## Demonstrate knowledge of cleaning automotive components

**Level** 2

**Credits** 2

**Purpose** This theory-based unit standard is for people who wish to enter or are employed in the motor industry. People credited with this unit standard are able to demonstrate knowledge of materials and equipment used to clean automotive components, and cleaning automotive components.

**Subfield** Motor Industry

**Domain** Motor Industry - Introductory Skills

**Status** Registered

**Status date** 27 July 2005

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**Entry information** Open.

**Accreditation** Evaluation of documentation by NZQA.

**Standard setting body (SSB)** NZ Motor Industry Training Organisation (Incorporated)

**Accreditation and Moderation Action Plan (AMAP) reference** 0014

This AMAP can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

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### Special notes

- 1 Enactments relevant to this unit standard include but are not limited to – Hazardous Substances and New Organisms Act 1996; Health and Safety in Employment Act 1992; Resource Management Act 1991; local body regulations relevant to the motor industry.
- 2 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.

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## Elements and performance criteria

### Element 1

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

#### Performance criteria

- 1.1 Equipment used to clean automotive components is described in accordance with manufacturer specifications.

Range includes but is not limited to – high-pressure sprays, cabinets, bath/tank, ultrasonic cleaner, sand or bead blaster, baskets, agitators.

- 1.2 Materials used for cleaning automotive components are described in accordance with manufacturer specifications.

Range includes but is not limited to – solvent-based, water-based detergents.

- 1.3 Housekeeping requirements when using cleaning materials are explained in accordance with manufacturer specifications and legislative requirements.

Range product storage and dispensing, equipment storage, equipment cleaning, use of drip trays, solvent recycling, floor cleaning, disposing of cleaning rags and materials.

### Element 2

Demonstrate knowledge of cleaning automotive components.

#### Performance criteria

- 2.1 Procedures for cleaning automotive components are described in accordance with manufacturer specifications.

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 Safe working procedures when using cleaning materials are explained in accordance with manufacturer specifications and legislative requirements.

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 in accordance with manufacturer specifications.
- 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 in accordance with legislative requirements.

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**Please note**

Providers must be accredited by NZQA, or an inter-institutional body with delegated authority for quality assurance, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by NZQA before they can register credits from assessment against unit standards.

Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.

Accreditation requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

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**Comments on this unit standard**

Please contact the NZ Motor Industry Training Organisation (Incorporated) [janet.lane@mito.org.nz](mailto:janet.lane@mito.org.nz) if you wish to suggest changes to the content of this unit standard.