

Title	Demonstrate knowledge of methods of and precautions when removing paint from vehicle body panel surfaces		
Level	3	Credits	2

Purpose	This theory-based unit standard is for people who wish to enter or are employed in the automotive refinishing industry. People credited with this unit standard are able to demonstrate knowledge of methods of removing paint, and precautions when removing paint from a vehicle body panel surface.
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Classification	Motor Industry > Automotive Refinishing
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Available grade	Achieved
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Explanatory notes

- 1 Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable manufacturer's specifications, service information, company and legislative requirements (this includes the knowledge and/or use of suitable tools and equipment).
- 2 Legislation, regulations and/or industry standards relevant to this unit standard include but are not limited to the current version of including updated amendments to, and replacements of – Hazardous Substances and New Organisms Act 1996; Health and Safety at Work Act 2015.
- 3 Definitions
Company requirements refer to instructions to staff on policy and procedures which are documented in memo or manual format and are available in the workplace. These requirements include but are not limited to – company specifications and procedures, work instructions, manufacturer specifications, product quality specifications and legislative requirements.
Service information may include but is not limited to – technical information of a vehicle, machine, or product detailing operation; installation and servicing procedures; manufacturer instructions and specifications; technical terms and descriptions; and detailed illustrations. This may be accessed from the manufacturer.
Suitable tools and equipment means 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.

Outcomes and evidence requirements

Outcome 1

Demonstrate knowledge of methods of removing paint from a vehicle body panel surface.

Evidence requirements

1.1 Methods of removing paint are identified.

Range types of paints include but are not limited to – lacquer, two pack, air dry enamel original equipment manufacturer (OEM) finishes; methods of removal include but are not limited to – paint removers, abrasives, clean and strip wheels, sand and bead blasting.

1.2 How paint removers function is described.

Range metal surfaces, plastic surfaces, composites.

1.3 Sand and bead blasting and the effect they have on metal and plastic surfaces are described.

Range grade of abrasives and bead materials; mild steel, high strength steel, galvanised steel, alloy galvanised sheet steel, aluminium.

1.4 Methods of removing paint using abrasives are described.

Range hand sanding, sanding machine, clean and strip wheels.

1.5 Abrasives are identified.

Range grades of abrasives; surface conditioning pads and discs, clean and strip wheels.

Outcome 2

Demonstrate knowledge of precautions when removing paint from a vehicle body panel surface.

Evidence requirements

2.1 Importance of protecting adjacent areas and components when removing paint is described.

2.2 Importance of cleaning and preparing surface prior to painting is described.

Range includes but is not limited to – foreign matter on surface, key for paint coat, finish.

2.3 Safety precautions when removing paint are identified.

Replacement information	This unit standard and unit standard 24024 replaced unit standard 5747.
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Planned review date	31 December 2021
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	26 November 2007	31 December 2018
Review	2	21 April 2016	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>.

Please note

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMRs). The CMR 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.

Comments on this unit standard

Please contact the MITO New Zealand Incorporated info@mito.org.nz if you wish to suggest changes to the content of this unit standard.