

<b>Title</b>	<b>Prepare bare metal for painting in the motor body industry</b>		
<b>Level</b>	<b>2</b>	<b>Credits</b>	<b>2</b>

<b>Purpose</b>	This unit standard is for people who are at pre-employment level or who have recently started work in the motor body industry. People credited with this unit standard are able to: demonstrate knowledge of materials used to prepare bare metal for painting in the motor body industry; and prepare the metal for painting in the motor body industry.
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<b>Classification</b>	Motor Industry > Vehicle Bodywork
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 The following legislation (and subsequent amendments) are applicable to this unit standard and must be followed where applicable:  
Health and Safety in Employment Act 1992;  
The Spray Coating Regulations 1962.
- 2 Company policy includes workplace standards, practices, and procedures, which must comply with current legislation requirements. It is assumed the policy also meets product manufacturers' specifications, recommendations, and standards.

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### Outcomes and performance criteria

#### Outcome 1

Demonstrate knowledge of materials used to prepare bare metal for painting in the motor body industry.

#### Performance criteria

- 1.1 Materials used to prepare bare metal for painting are identified according to manufacturer's specifications.  
  
Range            abrasives, scotchbrite, metal conditioners, etch prime.
- 1.2 Principles of how the materials function are identified according to manufacturer's specifications.

- 1.3 Safety precautions for using materials are identified according to manufacturer's specifications.

Range metal conditioners, etch prime, abrasives.

## Outcome 2

Prepare the metal for painting in the motor body industry.

Range complete panels, bare metal patches on painted panels.

## Performance criteria

- 2.1 Metal to be prepared is identified.

Range steel, aluminium.

- 2.2 Metal is clean according to manufacturer's specifications and company policy.

Range dirt, oil, grease, protective coatings.

- 2.3 Materials, tools and equipment are identified and selected to enable the metal to be prepared according to manufacturer's specifications.

Range abrasives, scotchbrite, metal conditioners, etch prime, sanding machines, sanding block.

- 2.4 Metal is prepared according to paint manufacturer's specifications with no damage to adjacent panels or fittings.

Range sand scratches, acid, overspray.

- 2.5 Safe work practices are carried out throughout the task according to the manufacturer's specifications and company policy.

Range personal safety, safety to other people, vehicle safety, tools and equipment safety.

- 2.6 Tools, equipment and materials are put away in their place and the work area is clean.

<b>Replacement information</b>	This unit standard and unit standard 3867 were replaced by unit standard 21699 and unit standard 21702.
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**This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.**

**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	18 June 1995	31 December 2016
Revision	2	30 October 1997	31 December 2016
Revision	3	28 May 1998	31 December 2016
Review	4	10 February 1999	31 December 2016
Revision	5	13 March 2001	31 December 2016
Rollover	6	25 July 2006	31 December 2020
Rollover	7	19 November 2010	31 December 2020
Rollover	8	22 August 2014	31 December 2020
Rollover	9	22 October 2020	31 December 2021

<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>.