

<b>Title</b>	<b>Use and maintain power tools and equipment in the motor body industry</b>		
<b>Level</b>	<b>2</b>	<b>Credits</b>	<b>4</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 power tools used in the motor body industry; use tools and equipment relevant to the workplace; and maintain tools and equipment.
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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) is applicable to this unit standard and must be followed where applicable:  
Health and Safety in Employment Act 1992.
- 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 power tools used in the motor body industry.

Range grinders, disk sanders, dual action sanders, orbital sanders, random action sanders, rotary sanders, drills, polishers, wire brush and attachments, electric transformers, heat gun, leads and plugs, chisel, saw, air gun, air hose and connections, transformers, oil lubricators, air riveter, stapler, ratchet.

#### Performance criteria

- 1.1 Purpose and operation of tools and equipment are identified according to the manufacturers' specifications and company policy.
- 1.2 Safety precautions for using tools are identified, and explained according to manufacturers' specifications and company policy.

Range transformer, isolating switches, air line and systems.

- 1.3 Attachments for tools and equipment are identified and explained according to the manufacturer's specifications.

Range may include but not limited to – sanding disks, abrasive papers, polishing attachments, wire brushes, scotchbrite disks, fibre and nylon disks, drills, glass cutters, saw attachments.

## Outcome 2

Use tools and equipment relevant to the workplace.

### Performance criteria

- 2.1 Area to be worked on is identified, and the tool is selected for the job according to the manufacturer's specifications and company policy.
- 2.2 Attachment is fitted to the tool for the job in hand, and the tool is connected to the power or air supply and used according to the manufacturer's specifications and company policy.
- 2.3 Safe working practices are carried out throughout the task according to manufacturer's specifications and company policy.
- Range personal safety, safety to others, vehicle, machine and equipment safety.
- 2.4 No damage occurs to adjacent areas or fittings.

## Outcome 3

Maintain tools and equipment.

### Performance criteria

- 3.1 No dust or dirt is left on the tools and equipment after use.
- 3.2 Tools and equipment are maintained according to manufacturers' specifications and company policy.
- 3.3 Electrical equipment is kept in a safe working order according to manufacturer's specifications and company policy.
- 3.4 Air line system functions according to manufacturer's specifications and company policy.
- Range no leaks or damage, air cleaning system, lubrication system.
- 3.5 Faulty tools and equipment are reported promptly to supervisor according to company policy.
- 3.6 Tools and equipment are stored in a safe place after use according to company policy.

- 3.7 Safe working practices are carried out throughout the task according to manufacturers' specifications and company policy.

Range personal safety, safety to others, vehicle, machine and equipment safety.

<b>Replacement information</b>	This unit standard was replaced by unit standard 21693 and unit standard 21713.
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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	10 February 1999	31 December 2016
Revision	2	13 March 2001	31 December 2016
Rollover	3	25 July 2006	31 December 2020
Rollover	4	19 November 2010	31 December 2020
Rollover	5	22 August 2014	31 December 2020
Rollover	6	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>.