

<b>Title</b>	<b>Use equipment in a bicycle workshop</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>3</b>

<b>Purpose</b>	<p>This unit standard is for people who are currently working, or intending to work, in bicycle repair workshops.</p> <p>People credited with this unit standard are able to select, use, and maintain tools and equipment for assembling and repairing bicycles, in accordance with organisational procedures.</p>
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<b>Classification</b>	Retail, Distribution, and Sales > Bicycle Sales and Servicing
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 All tasks are to be carried out in accordance with organisational procedures, the organisation being the enterprise carrying out the work.
- 2 Any relevant Acts, regulations, and bylaws must be complied with during assessment against this standard.
- 3 Definitions  
*Organisational procedures* referred to in this unit standard may include but are not limited to the applicable procedures found in the following: organisational performance guidelines and standards; manufacturer's procedures and specifications; Government and local body legislation.  
*Tools and equipment* may include but are not limited to – Allen keys, screw drivers, spanners, pliers, cable cutters, spoke keys, spoke dishing tools, chain whips, bottom bracket tools, torque wrench, derailleur alignment tool, hacksaw, files, bearing press, taps, dies, grinders, power drill, cone spanner, third hand tool, cluster removal tools, chain breaker, Vernier callipers, frame alignment tool, hammer, punch.

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### Outcomes and performance criteria

#### Outcome 1

Select tools and equipment for assembling and repairing bicycles.

Range evidence is required for the tools applicable to three assembly or repair tasks.

#### Performance criteria

- 1.1 Tools and equipment used in assembling and repairing bicycles are identified.

- 1.2 Tools and equipment selected are relevant for the task and part of the bicycle.
- 1.3 Tools and equipment selected enable the task to be completed safely and without damage to components.

## Outcome 2

Use tools and equipment for assembling and repairing bicycles.

Range evidence is required for the tools applicable to three assembly or repair tasks.

### Performance criteria

- 2.1 Tools and equipment are checked for safe operating condition before use.
- 2.2 Calibration of measuring equipment is checked for accuracy before use.
- 2.3 Tools and equipment are applied to the repair and assembly of bicycles.

## Outcome 3

Maintain tools and equipment for assembling and repairing bicycles.

Range evidence is required for the maintenance of ten tools.

### Performance criteria

- 3.1 Tools and equipment are cleaned, lubricated, and stored.
- 3.2 Tools and equipment are maintained in safe working condition.

<b>Planned review date</b>	31 December 2026
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### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	26 August 2003	31 December 2018
Rollover and Revision	2	20 June 2008	31 December 2018
Review	3	8 December 2016	N/A
Revision	4	28 April 2022	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0099
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

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**Comments on this unit standard**

Please contact Toi Mai Workforce Development Council [qualifications@toimai.nz](mailto:qualifications@toimai.nz) if you wish to suggest changes to the content of this unit standard.