

<b>Title</b>	<b>Carry out routine servicing of engineering machinery</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>4</b>

<b>Purpose</b>	<p>This unit standard is an introductory standard for mechanical engineering related trades. It is intended for workplace assessment.</p> <p>People credited with this unit standard are able to prepare for, and carry out routine servicing of engineering machinery.</p>
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<b>Classification</b>	Mechanical Engineering > Maintenance and Diagnostics in Mechanical Engineering
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<b>Available grade</b>	Achieved
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<b>Prerequisites</b>	Unit 29650, <i>Demonstrate knowledge of the safe use of powered equipment in a mechanical engineering or fabrication workshop</i> , or demonstrate equivalent knowledge and skills.
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### Guidance Information

- 1 Reference  
Health and Safety at Work Act 2015.
- 2 Definition  
*Workplace procedures* – procedures used by the organisation carrying out the work and applicable to the tasks being carried out. Examples are – standard operating procedures, safety procedures, equipment operating procedures, codes of practice, quality management practices and standards, procedures to comply with legislative and local body requirements.

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### Outcomes and performance criteria

#### Outcome 1

Prepare for routine servicing of engineering machinery.

Range two machines.

#### Performance criteria

- 1.1 Service requirements are determined in accordance with machine specifications or workplace procedures.

**Outcome 2**

Carry out routine servicing on engineering machinery.

Range two machines.

**Performance criteria**

2.1 Workplace safety procedures are followed.

Range examples are – use of personal protective equipment, checking of equipment for faults, lockout procedures, elimination of risk of fire or explosion.

2.2 Consumable components are replaced in accordance with workplace procedures.

Range examples are – filters, oil wipers, seals and gaskets, indicator lamps.

2.3 Fluids and lubricants are topped up, or replaced, in accordance with workplace procedures.

2.4 Machinery adjustments are made in accordance with workplace procedures.

Range examples are – adjustments to safety guards, stops, wear pads, guides, limit switch actuators, glands, scrapers, aprons.

2.5 Machinery is returned to service in accordance with workplace procedures.

2.6 Servicing records are completed in accordance with workplace procedures.

2.7 Waste material is disposed of in accordance with workplace procedures.

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<b>Planned review date</b>	31 December 2022
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	25 October 1994	31 December 2011
Revision	2	14 April 1997	31 December 2011
Revision	3	5 January 1999	31 December 2011
Revision	4	18 September 2001	31 December 2011
Review	5	28 April 2003	31 December 2011
Revision	6	25 July 2006	31 December 2011
Rollover	7	20 June 2008	31 December 2014
Review	8	15 April 2011	31 December 2022
Review	9	20 July 2017	N/A

**Consent and Moderation Requirements (CMR) reference**

0013

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

**Comments on this unit standard**

Please contact Competenz [qualifications@competenz.org.nz](mailto:qualifications@competenz.org.nz) if you wish to suggest changes to the content of this unit standard.