

Title	Service, repair and maintain primary industry machinery		
Level	3	Credits	6

Purpose	<p>This unit standard is for people working in the primary industry.</p> <p>People credited with this unit standard are able to: conduct scheduled servicing of primary industry machinery; identify and repair common basic mechanical faults in primary industry machinery; and maintain a range of primary industry machinery.</p>
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Classification	Agriculture > Agricultural Vehicles and Machinery
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Available grade	Achieved
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Guidance Information

1. All evidence presented in this unit standard must be in accordance with:
 - Workplace procedures.
2. Legislation relevant to this unit standard includes but is not limited to:
 - Health and Safety at Work Act 2015.
3. For assessment against this unit standard, candidates may demonstrate competency using different items of machinery for each outcome statement.
4. Definitions

Primary industry machinery may include but is not limited to machinery involved in cultivation, mowing, spraying, planting, seed sowing, pruning, irrigation, harvesting and livestock feeding.

Workplace procedures refer to verbal and written instructions to staff on procedures for machinery maintenance, and safety.

Outcomes and performance criteria

Outcome 1

Conduct scheduled servicing of primary industry machinery.

Range at least two items of primary industry machinery.

Performance criteria

- 1.1 Follow safety precautions and service machinery in accordance with manufacturer's specifications.

- 1.2 Identify and report faults to supervisor, or fix faults in accordance with manufacturer's specifications.
- 1.3 Maintain and store used tools and equipment.
- 1.4 Maintain servicing records.

Outcome 2

Identify and repair common basic mechanical faults in primary industry machinery.

Range at least two items of primary industry machinery.

Performance criteria

- 2.1 Follow safety precautions and identify faults in accordance with manufacturer's specifications.
- 2.2 Report all faults.
- 2.3 Repair faults that do not require specialist attention in accordance with manufacturer's specifications.

Range repair jobs may include but are not limited to – replace blown hydraulic hose, replace broken fan belt, replace defective battery, bleed diesel fuel system, clean or replace blocked air filter, replace broken headlight, replace broken radiator hose; evidence is required for at least two jobs.

Outcome 3

Maintain a range of primary industry machinery.

Range at least two items of primary industry machinery.

Performance criteria

- 3.1 Select and safely use tools and materials to maintain primary industry machinery.
- 3.2 Identify damage, wear, malfunction, and unsoundness in accordance with manufacturer's specifications.
- 3.3 Maintain items in accordance with manufacturer's specifications.

Planned review date	31 December 2024
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	25 June 2002	31 December 2022
Review	2	20 May 2008	31 December 2022
Review	3	21 June 2012	31 December 2022
Review	4	28 November 2019	N/A

Consent and Moderation Requirements (CMR) reference

0052

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

Comments on this unit standard

Please contact the Primary Industry Training Organisation standards@primaryito.ac.nz if you wish to suggest changes to the content of this unit standard.