

Title	Remove, replace and calibrate a traction, steering or hydraulic controller on a forklift		
Level	3	Credits	2

Purpose	People credited with this unit standard are able to remove, replace and calibrate a traction, steering or hydraulic controller on a forklift.
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Classification	Motor Industry > Automotive Electrical and Electronics
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Available grade	Achieved
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Guidance Information

- 1 Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable service information, and company requirements and legislative requirements. This includes the knowledge and use of suitable tools and equipment.
- 2 Performance of the outcomes of this unit standard must comply with the following:
Health and Safety at Work Act 2015;
New Zealand Standard NZS/ANSI/ITSDF B56.1:2005 *Safety standard for low lift and high lift trucks*.
- 3 Any new, amended or replacement Acts, regulations, standards, codes of practice, guidelines, or authority requirements or conditions affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard.
- 4 **Definitions**
Company requirements refer to instructions to staff on policy and procedures that are available in the workplace. These requirements may include – company policies and procedures, work instructions, product quality specifications and legislative requirements.
Service information refers to technical information for a vehicle, machine, or product detailing operation; installation and servicing procedures; manufacturer instructions; technical terms and descriptions; and detailed illustrations.
Suitable tools and equipment means industry approved tools and equipment that are recognised within the industry as being the most suited to complete the task in a professional and competent manner with due regard to safe working practices;
Traction, steering or hydraulic controller may also refer to a traction output module.
- 5 **Range**
This unit standard includes any one of the following machines – contactor machine, silicon controlled rectifier (SCR) controlled machine, transistor controlled machine.

- 6 For this unit standard, it is essential that the practical assessment evidence is obtained in the workplace under normal workplace conditions.

Outcomes and performance criteria

Outcome 1

Remove a traction, steering or hydraulic controller from a forklift.

Performance criteria

- 1.1 The symptoms of any faults are verified.
- 1.2 Adjacent fittings are removed or disconnected.
- 1.3 Traction, steering or hydraulic controller is removed.
- 1.4 Traction, steering or hydraulic controller is stored or disposed of.

Outcome 2

Replace and calibrate a traction, steering or hydraulic controller on a forklift.

Performance criteria

- 2.1 Traction, steering or hydraulic controller is replaced.
- 2.2 Traction, steering or hydraulic controller is calibrated.

Planned review date	31 December 2025
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	25 January 2008	31 December 2022
Review	2	25 March 2021	N/A

Consent and Moderation Requirements (CMR) reference	0014
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact MITO New Zealand Incorporated info@mito.org.nz if you wish to suggest changes to the content of this unit standard.