

Title	Install and repair or replace materials handling equipment attachments		
Level	3	Credits	4

Purpose	People credited with this unit standard are able to: determine installation requirements and install materials handling equipment attachment; and repair or replace materials handling equipment attachments.
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Classification	Motor Industry > Tractor and Machine Systems
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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, <https://www.standards.govt.nz/shop/nzsansiitsdf-b56-12005/>.
- 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 information such as 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 refer to 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.
- 5 For this unit standard, it is essential that the practical assessment evidence is obtained in the workplace under normal workplace conditions.

6 Range

This unit standard applies to the installation, service, and repair of any three of the following attachments – side shift, carpet pole, drum handlers, fork extensions, lift jibs, work platforms, rotator, push-pull, twin pallet handlers, fork positioners, paper clamps.

Outcomes and performance criteria
Outcome 1

Determine installation requirements and install materials handling equipment attachment.

Performance criteria

1.1 Work required and installation procedures are interpreted.

Range may include – identifying attachment to be fitted, positioning and installation requirements, reading the instructions supplied, identifying and interpreting forklift capacity, consulting with the supervisor.

1.2 The attachment's suitability for application is determined from information gained from the attachment installation instructions and comparing the attachments compatibility with forklift capacity.

1.3 Mast is prepared for attachment, and attachment is fitted.

Range may include – internal reeve, external reeve, fit wires and/or cables guidance system, set counterbalance, chains.

1.4 Materials handling equipment load chart is fitted for relevant attachment.

Outcome 2

Repair or replace materials handling equipment attachments.

Performance criteria

2.1 Attachment specifications are identified, and attachment is repaired or replaced.

Range may include – worn parts, deformation of parts, cracking, corrosion, damaged parts, faulty hydraulics, faulty wire or cable guidance system.

2.2 The attachment is tested and operates.

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	21 September 2007	31 December 2022
Review	2	29 July 2021	N/A

Consent and Moderation Requirements (CMR) reference

0014

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.