

Title	Demonstrate knowledge of earth compacting machine systems, and describe their maintenance and fault diagnosis		
Level	4	Credits	4

Purpose	People credited with this unit standard are able to: demonstrate knowledge of earth compacting machine systems; and describe the maintenance and fault diagnosis of earth compacting machine systems.
----------------	---

Classification	Motor Industry > Automotive Preventive Maintenance
-----------------------	--

Available grade	Achieved
------------------------	----------

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 Legislation, regulations and/or industry standards relevant to this unit standard include but are not limited to the current version of the Health and Safety at Work Act 2015; and any subsequent amendments and replacements.
- 3 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 may include – technical information for a vehicle, machine, or product detailing operation; installation and servicing procedures; manufacturer instructions; technical terms and descriptions; and detailed illustrations.
- 4 This unit standard relates to compacting machine systems with weights of 400kg or less only. Earth compacting machines include vibrating and ramming types.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of earth compacting machines.

Performance criteria

- 1.1 Types of earth compacting machines are described.

1.2 Components of earth compacting machines are identified.

1.3 Operation of earth compacting machines is described.

Outcome 2

Describe the maintenance of earth compacting systems.

Performance criteria

2.1 Maintenance of earth compacting systems is described.

Outcome 3

Describe fault diagnosis of earth compacting machine systems.

Performance criteria

3.1 Methods of diagnosing earth compacting machine system faults are described.

Planned review date	31 December 2024
----------------------------	------------------

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	22 August 2019	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.