

Title	Demonstrate knowledge of the operation of a diesel fuel system		
Level	3	Credits	2

Purpose	This unit standard is for people who wish to enter or are currently employed in the motor industry. People credited with this unit standard are able to demonstrate knowledge of: diesel as an automotive fuel; and diesel fuel system operation.
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Classification	Motor Industry > Automotive Fuel Systems and Exhaust
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Available grade	Achieved
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Guidance Information

Legislation relevant to this unit standard includes but is not limited to the Health and Safety at Work Act 2015 and any subsequent amendments or replacements.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of diesel as an automotive fuel.

Performance criteria

- 1.1 The different grades of diesel are identified.
 Range cetane number, summer and winter fuels.

Outcome 2

Demonstrate knowledge of diesel fuel system operation.

Performance criteria

- 2.1 The operating principles of a diesel fuel system are described.
 2.2 Components of a diesel fuel system are identified.
 2.3 The differences between a common rail fuel system and a conventional fuel system are identified.
 2.4 Safety precautions when working on a diesel fuel system are described.

Replacement information	This unit standard replaced unit standard 21677.
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Planned review date	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Status information and last date for assessment for superseded versions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	17 August 2017	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.