

Title	Diagnose and repair faults in water blasters and low-pressure pumps in the motor and related industries		
Level	4	Credits	4

Purpose	People credited with this unit standard are able to diagnose and repair faults in water blasters and low-pressure pumps in the motor and related industries.
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Classification	Motor Industry > Automotive Workshop Engineering
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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 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.
Low-pressure pumps may include – slurry pumps and water pumps.
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 It is recommended that people hold credit for Unit 31896, *Describe water blasters, low-pressure pumps, and diagnosing faults in the motor and related industries* before being assessed against this unit standard.

Outcomes and performance criteria

Outcome 1

Diagnose and repair faults in a water blaster in the motor and related industries.

Range evidence of three different faults is required.

Performance criteria

- 1.1 Water blaster faults are diagnosed.
- 1.2 Water blaster faults are repaired.

Outcome 2

Diagnose and repair faults in a low-pressure pump in the motor and related industries.

Range evidence of three different faults is required.

Performance criteria

- 2.1 Low-pressure pump faults are diagnosed.
- 2.2 Low-pressure pump faults are repaired.

Replacement information	This unit standard was replaced by skill standard 40472.
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This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	22 August 2019	31 December 2027
Review	2	27 March 2025	31 December 2027

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>.