

Title	Test portable generators in the automotive industry		
Level	3	Credits	2

Purpose	People credited with this unit standard are able to test portable generators in the automotive industry.
----------------	----------------------------------------------------------------------------------------------------------

Classification	Motor Industry > Automotive Electrical and Electronics
-----------------------	--------------------------------------------------------

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 Competency under this unit standard does not entitle the learner to legally perform prescribed electrical work. Any prescribed electrical work must be undertaken by a person who has been registered and licensed under the Electricity Act 1992. Prescribed electrical work is defined in Schedule 1 of the Electricity (Safety) Regulations 2010.
- 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 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.
- 5 For this unit standard, portable generators relate to single phase generators only.

Outcomes and performance criteria

Outcome 1

Test portable generators in the automotive industry.

Range evidence of testing three separate generators is required.

Performance criteria

1.1 Test the electrical and mechanical operation of a portable generator.

Range hertz, voltage, engine speed.

Replacement information	This unit standard was replaced by skill standard 40474.
--------------------------------	----------------------------------------------------------

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
------------------------------------------------------------	------

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.