



MAURITIUS QUALIFICATIONS AUTHORITY

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NATIONAL CERTIFICATE

LEVEL 2

IN

LIGHT ENGINE MECHANICS

National Certificate Level 2 in Light Engine Mechanics

1. **Level:** 2
2. **Total Credits:** 60
3. **Review Date:** December 2027
4. **Access to qualification**

4.1 Entry Information

Read up to Certificate of Primary Education (CPE)/ Primary School Achievement Certificate (PSAC)

or

An alternative qualification at Level 1 of the NQF

4.2 Recognition of Prior Learning [RPL]

Not applicable

4.3 Award of Qualification Requirements

Unit No.	Unit Standard Title	Level	Credit
01	Observe safe workshop practices and precautions	2	1
02	Practise with common and special tools	2	1
03	Identify common types of metals	2	1
04	Measure linear and angular dimensions	2	1
05	Mark out workpieces	2	1
06	File a flat surface and straight edges	2	1
07	Cut workpieces with a hand hacksaw	2	1
08	Perform drilling operations	2	1
09	Perform threading and tapping operations	2	1
10	Demonstrate knowledge of light engine equipment	2	2
11	Demonstrate knowledge of different types of light engines	2	3
12	Service intake and exhaust system	2	2
13	Service engine lubrication system	2	2
14	Service engine cooling system	2	2
15	Service fuel systems	2	2
16	Demonstrate knowledge of clutch system	2	2
17	Demonstrate knowledge of gearbox	2	2
18	Service the final drive systems	2	2

19	Demonstrate knowledge of steering system	2	2
20	Service wheels and tyres	2	3
21	Service braking system	2	3
22	Service suspension systems	2	2
23	Service general electrical systems	2	2
Associated Studies			
13	Demonstrate mathematical skills and knowledge	2	4
14	Demonstrate drawing skills	2	4
15	Demonstrate effective communications skills	2	8
16	Demonstrate good work ethics	2	1
17	Demonstrate knowledge of green technology and sustainable development	2	1
18	Demonstrate understanding and use of information technology	2	2
Total Credits			60

5. Purpose

This qualification has been designed to prepare and equip trainees with knowledge and skills to enter the sector and for further training in related fields.