



MAURITIUS QUALIFICATIONS AUTHORITY

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NATIONAL CERTIFICATE

LEVEL 3

IN

MAINTENANCE FITTING

National Certificate Level 3 in Maintenance Fitting

1. **Level:** 3
2. **Credits:** 105
3. **Review Date:** June 2021

4. Access to qualification

4.1 Entry Information

National Certificate of Education (NCE)

4.2 Recognition of Prior Learning [RPL]

Potential candidates holding at least 3 years of working experience in the relevant field may access this qualification through Recognition of Prior Learning (RPL) process.

5. Award of Qualification Requirements

Compulsory

All the unit standards listed are required:

Unit No.	Unit Standard Title	Level	Credit
me/04/0001/03	Demonstrate knowledge of trade calculations and units for mechanical engineering trades	3	4
me/04/0002/03	Demonstrate knowledge of basic mechanics for mechanical engineering trades	3	3
me/04/0003/03	Demonstrate knowledge of fasteners used in mechanical engineering	3	2
me/04/0004/03	Demonstrate knowledge of safety on engineering worksites	3	1
me/04/0005/03	Shift loads in engineering installation, maintenance, and fabrication work	3	3
me/04/0006/03	Draw and interpret engineering sketches under supervision	3	4
me/04/0007/03	Construct engineering plane geometric shapes under supervision	3	4
me/04/0008/03	Demonstrate basic knowledge of engineering metals	3	5
me/04/0009/03	Demonstrate basic knowledge of engineering materials	3	3

me/04/0010/03	Select, use, and care for simple measuring devices used in engineering	3	3
me/04/0011/03	Select, use, and care for engineering dimensional measuring equipment	3	4
me/04/0012/03	Select, use, and care for engineering marking-out equipment	3	5
me/04/0013/03	Assemble mechanical components under supervision	3	4
me/04/0014/03	Demonstrate basic engineering workshop skills under close supervision	3	12
me/05/0001/03	Monitor, under supervision, the condition of machinery and equipment	3	4
me/05/0002/03	Dismantle, inspect, assemble and test components under supervision	3	5
me/05/0003/03	Demonstrate knowledge of lubricants and lubrication systems, and inspect lubrication systems	3	3
me/05/0004/03	Select and replace static seals in machines and equipment	3	4
me/05/0005/03	Level machinery and equipment	3	4
me/05/0006/03	Demonstrate knowledge of bearings used in machines and equipment	3	4
me/05/0007/03	Demonstrate and apply knowledge of mechanical fitting	3	5
me/05/0008/03	Demonstrate knowledge of pumps, fans, and valves used in engineering	3	4
th/03/0021/03	Participate in groups and/or teams to gather ideas and information	3	4
hs/02/0049/04	Apply ethics pledge within his/her workplace	4	3
th/07/0013/03	Hold a conversation with others	3	2
th/03/0022/03	Read texts for practical purposes	3	4
th/04/0006/03	Work in a diverse workplace	3	2
	TOTAL		105

6. Purpose:

This qualification represents a set of foundation skills for mechanical engineering and related trades. It is particularly relevant for people wishing to pursue career in maintenance and fitting.