



Qualification Title	Occupational Code	Quality Assuring Body	Credits	Entry Requirements	NQF Level
Automotive Motor Mechanic	97990	MERSETA	540	NQF Level 1 with Maths	4

Purpose

The purpose of this qualification is to equip learner with skills and knowledge to operate as an Automotive Motor Mechanic. A qualified learner will be able to:

- Perform preventative and scheduled maintenance on petrol and diesel road vehicles.
- Dismantle, inspect, assess, repair and assemble petrol and diesel road vehicle engine and vehicle system components.
- Diagnose and repair faults in petrol and diesel engines and vehicle systems and their components.

Motor Mechanic Phase 1 Modular Training

Module Description	Module Code/s	Days
Induction	ID1-ID6	1 day
Safety	SF1-SF5	2 days
Hand Tools	HT1-HT4	5 days
Workshop Tools	WT1-2, WT7-WT18, WT20-WT22	5 days
Measuring Equipment	MF1-MF4, MF6-MF7, MF12	5 days
Batteries	BA1-BA5	3 days
Cooling Systems	CS1-CS4	2 days
Engines & Accessories	EA1-EA4	5 days
Phase 1 Company Test		2 days
Total Training Time: 30 Days		

Motor Mechanic Phase 2 Modular Training

Module Description	Module Code/s	Days
Engines and Accessories	EA5-EA8	5 days
Cooling Systems	CS5-CS7	3 days
Materials	MA2-MA3, MA15	2 days
Basic Lifting Techniques	BG2-BG3, BG9	2 days
Bearings	BE15-B16	2 days
Electrical Systems	ES1-ES3	5 days
Fuel Systems	FS6, FS9	2 days
Braking Systems	BS1-BS4	3 days
Keys and Locking Devices	KL3-KL6, KL8-KL10	2 days
Theoretical Training	TT1	2 days
Phase 2 Company Test		2 days
Total Training Time: 30 Days		



Motor Mechanic Phase 3 Modular Training

Module Description	Module Code/s	Days
Bearings	B17-B20	2 days
Servicing	SER1-SER3	3 days
Cooling Systems	CS8-CS9	3 days
Soft Solder	SS11	2 days
Air Over Hydraulic Brakes	AHB1	1 day
Marking Off	MT9	2 days
Hand Skills	HS1-HS5, HS7-HS9	5 days
Arc Welding	AO1-AO4	5 days
Gas Welding and Brazing	GW10-GW13	5 days
Gas Cutting and Heating	GC1-GC3	5 days
Phase 3 Company Test		3 days

Total Training Time: 36 Days

Motor Mechanic Phase 4 Modular Training

Module Description	Module Code/s	Days
Drawings and Sketches	D7, D19, D21, D24-D25, D27-D28	5 days
Engines & Accessories	EA9-EA11	5 days
Cooling Systems	CS10-CS14	3 days
Engines Tuning	ETU1	3 days
Exhaust System	EXS1	3 days
Transmission Systems	TS1-TS3	5 days
Suspension Systems	SUS1 – SUS6	5 days
Steering Systems	STS1 – STS2	3 days
Theoretical Training	TT2	3 days
On the Job experience	EX1	5 days

Total Training Time: 40 Days