
20 March 2015

TO: ALL MOTOR MECHANIC TRADE TEST CENTRES

RE: REVIEWED MOTOR MECHANIC CBMT LEVEL TESTS IMPLEMENTATION

The merSETA motor industry initiated the project to revise the learning material for CBMT motor mechanic and diesel mechanic trades. The project was a success and the revised learning material can be accessed through the Retail Motor Industry Organisation (<http://www.rmi.org.za/cdx-training/>).

The implementation of the revised learning material necessitated the review of the motor mechanic CBMT level tests to be in line with the revised learning material. The review of practical and knowledge level tests was facilitated by merSETA with a dedicated workgroup.

Attached herewith find the reviewed motor mechanic CBMT level tests for implementation. The full implementation should be completed within 6 months. We are aware that there are apprentices that have not been trained using the revised learning material; those apprentices may be assessed through the use of the old knowledge tests during the level testing.

SUMMARY OF CHANGES IN THE LEVEL TEST TASKS

Level 1:

- Theory Test – 80% pass; new multiple choice questions.
- Measuring – no taper and ovality, just measure a journal.
- Vehicle Service

Level 2:

- Theory Test – 80% pass; new multiple choice questions
- Construct a Headlight Circuit – new task
- Fuel Sender Unit – new task
- Welding - removed
- Mechanical Fuel Pump - removed
- McPherson strut
- Oil Pressure



- Cooling System (thermostat)
- Wheel balancing
- Wheel bearing adjustment
- Wheel alignment

Level 3:

- Theory Test – 80% pass; new multiple choice questions
- Carburettor – removed
- Brakes
- Cylinder head
- Electrical test
- Engine Block
- Ignition Test
- Rear wheel drive gearbox

Level 4:

- Theory Test – 80% pass; new multiple choice questions
- Steering box – removed
- Computer Literacy – removed
- Front wheel drive manual gearbox – new task
- Air-conditioning Test
- Diesel rotary pump timing
- Fuel injection test
- Rear wheel drive final drive

Your cooperation will be appreciated. Please do not hesitate to contact the undersigned for any queries.

Regards,

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