



Profession **Motor vehicle mechatronics technician**

Results Summary MYSKILLS

Name:

Date of birth:

Test date: 12.02.2018

Test language: English

The test captures professional practical knowledge of the car mechanic - automobile technology, in five central areas of expertise. The testing is completed by asking questions relating to typical occupational situations, via a PC. The areas of expertise and situations are derived from the prescribed training regulations and curricula. The results follow:

Practical professional knowledge

●●●● High
●●●○ Average to high level

●●○○ Average
●○○○ Not provable, to average

○○○○ Not provable

Performing standardised service and maintenance tasks



Conducting standardised service and maintenance work on motor vehicles. Changing engine oil and wheels. Inspecting mechanical and electrical components for wear, damage and correct functioning.

Repairing mechanical and electrical systems prone to wear



Repairing brakes, exhaust systems and the clutch. Testing, measuring and repairing the lighting system, windscreen wiper system and the ignition system.

Installing and dismantling mechanical and electrical systems



Mounting and balancing wheels. Replacing a tie rod end, central locking system, air flow meter and injector. Retrofitting a tow bar.

Repairing mechatronics systems



Testing and repairing airbags, air conditioning systems, air suspension and automatic transmission. Detecting hazards from explosive materials and electric voltages. Conducting measurements, for example using an oscilloscope, and evaluating the results.

Diagnosing vehicle controls using expert systems



Conducting a guided error search using test software. Processing errors using measuring devices and circuit diagrams and function charts and diagnosing which components or systems are no longer functioning. Recording and evaluating the data communication between control devices. Conducting legally stipulated inspections (general inspection/exhaust inspection).



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Bundesagentur für Arbeit
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bringt weiter.

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Notes on test content

The test consists of 100 questions on typical practical on-the-job situations. At least 20 questions are posed in a closed question format, per field of expertise. The test may take up to 4 hours. The test was developed by experts in various fields. The sub-division into various fields of expertise is oriented along the curricular content of the professional education and training, as well as occupational situations in practice. Practical job situations are represented via text, pictures and videos.

Notes on the interpretation of the results

The test covers practical professional knowledge, by posing questions regarding typical on-the-job situations and challenges.

This cannot be tested:

- Practical application and methodological competence
- Problem-solving skills
- Motivation, self-motivation and/or social skills
- German language skills

More information is available at:

<https://www.arbeitsagentur.de/MYSKILLS>

