

**1. TITLE OF THE CERTIFICATE (HU)**

34-525-02 Gépjármű mechatronikus

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Motor vehicle mechatronics technician
(THIS TRANSLATION HAS NO LEGAL STATUS)

3. PROFILE OF SKILLS AND COMPETENCES

A typical holder of the certificate is able to:

- Take part in the series production of motor vehicles;
- Perform quality control during the production process and in the course of this, control the quality of motor vehicles leaving the production line;
- Use specific equipment, tools and measuring instruments in the course of the activity;
- Document the measurements;
- Check and analyse the electric, electronic, mechanic, pneumatic and hydraulic systems;
- Determine and eliminate the errors and failures, using automatic measurements and testing systems in the course of work;
- Operate motor vehicles and the systems thereof, put motor vehicles into operation and check compliance with the instructions;
- Assemble, disassemble and check mechanic and electric components and parts;
- Perform the maintenance, repair and setting of motor vehicles and systems;
- Find errors and failures and evaluate measurement values;
- Apply logistics skills at work;
- Comprehend and interpret quality and other instructions required for performing the work and control;
- Perform the condition assessment and troubleshooting of the motor vehicle to be repaired, operate the machines, equipment and measuring devices required to perform the work and apply the acquired logistics skills.

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE

7331 Vehicle and motorcycle maintainer and mechanic

(*) Explanatory notes:

This document is designed to provide additional information about the specified certificate and does not serve as a legal certificate of vocational qualification. The format of the description is based on the following documents:

Council Resolution 93/C 49/01 of 3 December 1992 on the transparency of qualifications; Council Resolution 96/C 224/04 of 15 July 1996 on the transparency of vocational training certificates, and Recommendation 2001/613/EC of the European Parliament and of the Council of 10 July 2001 on mobility within the Community for students, persons undergoing training, volunteers, teachers and trainers.

More information on transparency is available at: <http://europass.cedefop.europa.eu/>

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5. OFFICIAL BASIS OF THE CERTIFICATE

<p>Name and status of the institute issuing the certificate</p>	<p>Name and status of the national/regional authority providing accreditation/recognition of the certificate</p> <p>Ministry of National Development</p>																
<p>Level of the certificate (national or international)</p> <p>Level of vocational qualification according to the National Qualification Register: 34 secondary vocational qualifications, which are based on elementary school qualifications or the entry competences defined in the professional and examination requirements and may be typically obtained in formal education</p> <p>ISCED2011 code: 3</p> <p>NQF level:</p> <p>EQF level:</p>	<p>Grading scale / Pass requirements</p> <p>Five -grade: 5 excellent 4 good 3 satisfactory 2 pass 1 fail</p>																
<p>Certificate number: PT K</p> <p>Serial number: 123456</p> <p>Certificate issue date: 2023.10.02</p>	<p>Results achieved at the examination and their proportion expressed in percentage in the complex mark</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Central written examination</td> <td style="width: 50%;">Engineering, electro-technical, electrical, diagnostics, maintenance and repair skills</td> <td style="width: 10%; text-align: center;">5</td> <td style="width: 20%; text-align: center;">30.00</td> </tr> <tr> <td>Oral examination</td> <td>Engineering, electro-technical, electrical, diagnostics, maintenance and repair skills</td> <td style="text-align: center;">5</td> <td style="text-align: center;">20.00</td> </tr> <tr> <td>Practical examination</td> <td>Familiarity with and the diagnostics and repair of the mechanical and electric components of motor vehicles</td> <td style="text-align: center;">5</td> <td style="text-align: center;">50.00</td> </tr> <tr> <td colspan="2">Result achieved at the complex vocational examination, expressed in grades.</td> <td style="text-align: center;">5</td> <td></td> </tr> </table>	Central written examination	Engineering, electro-technical, electrical, diagnostics, maintenance and repair skills	5	30.00	Oral examination	Engineering, electro-technical, electrical, diagnostics, maintenance and repair skills	5	20.00	Practical examination	Familiarity with and the diagnostics and repair of the mechanical and electric components of motor vehicles	5	50.00	Result achieved at the complex vocational examination, expressed in grades.		5	
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<p>Access to next level of education/training</p> <p>Advancement to secondary school</p>	<p>International agreements</p>																
<p>Other information concerning the vocational training process</p>																	
<p>Legal basis</p> <p>Act CLXXXVII of 2011 on Vocational Training Decree 12/2013 (29 March) of the Minister of National Development on the professional and examination criteria of vocational qualifications falling within the competence of the Minister of National Development.</p>																	

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Description of vocational education and training received	Percentage of total programme %	Duration (hours/weeks/months/years)
School-/training centre-based	Theory: 30 % Practice: 70 %	
Workplace-based		
Accredited prior learning		
Total duration of the education/training leading to the certificate		1440 hours

Entry requirements:

- In absence of completed primary school studies or other type of vocational schooling, training may commence in possession of the competencies defined for the “Transport” vocational group in Annex 3.
- Meeting good health conditions is a requirement

Vocational requirement modules:

- 10163-12 Occupational safety and environmental protection in mechanical engineering
- 11497-12 Employment I
- 11500-12 Occupational health and safety
- 10453-12 Mechanical components of motor vehicles, diagnostics
- 10454-12 Electric components of motor vehicles, diagnostics
- 10455-12 Maintenance, repair and post-production inspection of motor vehicles
- 10456-12 Labour law and communication related to the motor vehicle industry
- 10163-12 Initial engineering tasks

This certificate supplement was prepared on the basis of the instruction for filling in the Certificate Supplement published on the homepages of the National Reference Point and the National Europass Centre.

National Reference Point – NSZFH – <http://nrk.nive.hu>

Head of Examination Organiser:
Issue date: 2023.10.02

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