

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

34-522-01 Elektromechanikai műszerész

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Electromechanical technician

(THIS TRANSLATION HAS NO LEGAL STATUS)

3. PROFILE OF SKILLS AND COMPETENCES**A typical holder of the certificate is able to:**

- Individual and integrated use of office program package;
- read and interpret designs and technical descriptions;
- Apply the quality insurance guidelines at work;
- Select the tools, instruments and equipment required for the work processes;
- Work on metal and plastic work pieces (cutting, drilling, milling, bending, rasping);
- use power tools and hand tools for the purpose of basic technological operations;
- Comply with and have others comply with the rules regarding safety at work, accidents, fire protection and environment protection and directions related to the profession and the assembly/repair technology;
- Perform customer service activities;
- Start and operate business;
- Reveal and repair defects and errors;
- Prepare orders and offers;
- Read and interpret electric block diagrams and wiring and circuit diagrams;
- Use the instruction manuals of machines and equipment and comply with the installation instructions;
- Perform electrical engineering tasks;
- Prepare printed circuit boards;
- Perform wiring and connection tasks;
- Check, and if necessary repair or replace the control board or the electric component;
- Measure electrical quantities;
- Perform electrical safety measurements.

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

7341 Technician and mechanic of electric machines and devices

(*) 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																				
Name and status of the institute issuing the certificate		Name and status of the national/regional authority providing accreditation/recognition of the certificate Ministry for National Economy																		
Level of the certificate (national or international) 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 ISCED2011 code: 3 NQF level: EQF level:		Grading scale / Pass requirements Five -grade: 5 excellent 4 good 3 satisfactory 2 pass 1 fail																		
Certificate number: PT K Serial number: 123456 Certificate issue date: 2023.10.02		Results achieved at the examination and their proportion expressed in percentage in the complex mark <table border="1"> <tr> <td>Central written examination</td> <td>Electro-technical calculations, interpreting the technical diagram</td> <td>5</td> <td>10.00</td> </tr> <tr> <td>Oral examination</td> <td>Structure, operation, characteristics of electromechanical equipment and the related general work, accident, fire and environment protection tasks</td> <td>5</td> <td>20.00</td> </tr> <tr> <td>Practical examination</td> <td>Maintenance, error recording, spare part replacement or repair of electromechanical equipment, after-repair control, documenting the repair on the issued form</td> <td>5</td> <td>70.00</td> </tr> <tr> <td colspan="2">Result achieved at the complex vocational examination, expressed in grades.</td> <td>5</td> <td></td> </tr> </table>			Central written examination	Electro-technical calculations, interpreting the technical diagram	5	10.00	Oral examination	Structure, operation, characteristics of electromechanical equipment and the related general work, accident, fire and environment protection tasks	5	20.00	Practical examination	Maintenance, error recording, spare part replacement or repair of electromechanical equipment, after-repair control, documenting the repair on the issued form	5	70.00	Result achieved at the complex vocational examination, expressed in grades.		5	
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Access to next level of education/training Advancement to secondary school		International agreements																		
Other information concerning the vocational training process																				
Legal basis Act CLXXXVII of 2011 on Vocational Training Professional and examination requirements established by decree no. 25 of 2014 (26 August) of the Minister for National Economy.																				

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		3 years

Entry requirements:

- Completed primary school studies

Vocational requirement modules:

10007-12 IT and technical basics

10008-12 Client communication

10006-12 Electromechanical skills

11497-12 Employment I

11500-12 Occupational health and safety

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

SEAL