

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

34-522-02 Elektromos gép- és készülékszerelő

**2. TRANSLATED TITLE OF THE CERTIFICATE (EN)**

Electrical machine and equipment repairman  
(THIS TRANSLATION HAS NO LEGAL STATUS)

**3. PROFILE OF SKILLS AND COMPETENCES**

**A typical holder of the certificate is able to:**

- Operate, repair, assemble and prepare electronic devices and equipment;
- Operate, repair and construct transformers;
- Operate and repair asynchronous devices;
- Operate and repair direct current equipment;
- Operate and repair synchronous devices;
- Use and repair special machines and devices;
- Use and perform measurements with electronic measuring devices;
- Perform measurement of electric power quantities on direct current, one and three-phase systems;
- Perform measurement of non-electric power quantities;
- Perform electric measurements in the field of specialization.

**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			
<b>Level of the certificate (national or international)</b> <b>Level of vocational qualification according to the National Qualification Register:</b> 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 <b>ISCED2011 code:</b> 3 <b>NQF level:</b> <b>EQF level:</b>		<b>Grading scale / Pass requirements</b> Five -grade: 5 excellent 4 good 3 satisfactory 2 pass 1 fail			
<b>Certificate number: PT K</b>  Serial number: 123456  <b>Certificate issue date: 2023.10.02</b>		<b>Results achieved at the examination and their proportion expressed in percentage in the complex mark</b>			
		Central written examination	Professional know-how	5	40.00
		Practical examination	Repair of electronic devices	5	60.00
		Result achieved at the complex vocational examination, expressed in grades.		5	
<b>Access to next level of education/training</b>  Advancement to secondary school		<b>International agreements</b>			
<b>Other information concerning the vocational training process</b>					
<b>Legal basis</b> Act CLXXXVII of 2011 on Vocational Training Professional and examination requirements specified in Decree No. 12/2013 (28 March) of the Ministry 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		1440 hours

**Entry requirements:**

- Completed primary school studies

**Vocational requirement modules:**

10007-12 IT and technical basics  
10009-12 Metering/measuring devices, operational measurements  
10010-12 Protection of electronic devices  
10011-12 Operation of electronic devices  
10012-12 Repair and assembly of electronic devices  
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**