

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

34-522-04 Villanyszerelő

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

Electrician

(THIS TRANSLATION HAS NO LEGAL STATUS)

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

- read and interpret designs and technical descriptions;
- use power tools and hand tools for the purpose of basic technological operations;
- prepare electrical and mechanical joints;
- manage simple multimedia communications applications;
- save data, use IT security assets;
- use LAN and WAN networks;
- work on metal and plastic pieces;
- install connecting cables;
- install flowmeter location;
- fit home and building distributor equipment;
- perform high and low voltage basic fitting works;
- fit, repair, maintain and teach the operation of building electricity equipment;
- fit lighting equipment;
- install overhead connecting cables as per the regulations in effect;
- install cable connecting cables;
- install waterproof and fireproof bushing;
- fit external lightning protection installation;
- implement indoor lightning protection;
- perform check measurements and tests;
- fit industrial energy distribution networks;
- fit and install industrial distribution equipment;
- fit and install switching equipment;
- fit photovoltaic equipment;
- fit, repair, maintain and teach the operation of industrial electricity equipment;
- install and operate direct and alternating current machinery.

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

8136 Electrician

**(\*) 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><b>Name and status of the institute issuing the certificate</b></p>	<p><b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b></p> <p>Ministry for National Economy</p>																
<p><b>Level of the certificate (national or international)</b></p> <p><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</p> <p><b>ISCED2011 code:</b> 3</p> <p><b>NQF level:</b></p> <p><b>EQF level:</b></p>	<p><b>Grading scale / Pass requirements</b></p> <p>Five -grade: 5 excellent 4 good 3 satisfactory 2 pass 1 fail</p>																
<p><b>Certificate number: PT K</b></p> <p>Serial number: 123456</p> <p><b>Certificate issue date: 2021.07.21</b></p>	<p><b>Results achieved at the examination and their proportion expressed in percentage in the complex mark</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Central written examination</td> <td style="width: 50%;">Prepare building electrical drawings, technological documentation</td> <td style="width: 10%; text-align: center;">5</td> <td style="width: 20%; text-align: center;">20.00</td> </tr> <tr> <td>Oral examination</td> <td>Building electrical engineering and electric equipment know-how</td> <td style="text-align: center;">5</td> <td style="text-align: center;">20.00</td> </tr> <tr> <td>Practical examination</td> <td>Fitting tasks in building electrical engineering and electrical equipment</td> <td style="text-align: center;">5</td> <td style="text-align: center;">60.00</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	Prepare building electrical drawings, technological documentation	5	20.00	Oral examination	Building electrical engineering and electric equipment know-how	5	20.00	Practical examination	Fitting tasks in building electrical engineering and electrical equipment	5	60.00	Result achieved at the complex vocational examination, expressed in grades.		5	
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<p><b>Access to next level of education/training</b></p> <p>To secondary education</p>	<p><b>International agreements</b></p>																
<p><b>Other information concerning the vocational training process</b></p>																	
<p><b>Legal basis</b></p> <p>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.</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		3 years

### Entry requirements:

- Elementary level school education
- or if no schooling is available.
- According to the annex to the decree, the course can be undertaken in possession of the competences defined for the electrical engineering and electronics vocational group.

### Vocational requirement modules:

10007-12 IT and technical basics  
10023-12 Building electricity fitting jobs  
10024-12 Fitting electrical machines and industrial distribution equipment  
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: 2021.07.21

**SEAL**