

**1. TITLE OF THE PROFESSION**

4 0713 04 07 Villanyszerelő (Villamosipari előkészítő részzakma)

2. TRANSLATED TITLE OF THE PROFESSIONElectrician (Electrical industry preparator sub-profession)
(THIS TRANSLATION HAS NO LEGAL STATUS)**3. PROFILE OF SKILLS AND COMPETENCES**

- selects and assembles electrical industry materials in connection with a bill of materials;
- understands the main mechanical and electrical characteristics of materials;
- recognises and distinguishes the types and sizes of plastic protective tubes (MŰ I, MŰ III);
- recognises electrical boxes, fitting boxes, and their installation conditions;
- learns the use of machine tools (drills, wall chasers, vacuum cleaners, angle grinders) and work safety rules;
- knows and correctly uses electrical industry hand tools and equipment, and distinguishes between them according to their functions;
- uses protective equipment as intended;
- learns about the hand and machine tools used to process metals.

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

9310 Simple industrial professional

(*) Explanatory notes:

¹ In the original language. | ² The translation of the designation is provided for information purposes only. | ³ Fill it out if necessary. The certificate supplement provides additional information on the qualification but have no legal value in itself. The format of the description is in conformity with Decision (EU) 2018/646 of the European Parliament and of the Council of 18 April 2018 on a common framework for the provision of better services for skills and qualifications (Europass) and repealing Decision No 2241/2004/EC.

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5. OFFICIAL BASIS OF THE CERTIFICATE

<p>Name and status of the authority issuing the certificate</p>	<p>Name and status of the national /regional authority providing accreditation/recognition of the certificate</p> <p>Ministry for Innovation and Technology</p>														
<p>Level of the certificate (national or international)</p> <p>NQF level: 3</p> <p>EQF level: 3</p> <p>Digital Competence Framework level: 3</p>	<p>Grading scale / Pass requirements</p> <p>Five -grade: 5 excellent 4 good 3 satisfactory 2 pass 1 fail</p> <p>The prerequisite of being eligible to sit for a sectoral basic examination is the successful completion of all the required training courses, or the recognised prior learning should incorporate the requirements of the sectoral basic examination. The prerequisite of being eligible to sit for a vocational examination is the successful completion of all the training courses and the uninterrupted professional practice required. In case the student is required to pass a sectoral basic examination, latter shall be recognised with the following weighting: The result of the basic sectoral examination will be computed into that of the vocational examination with the following weighting: Sectoral basic examination: %, Vocational examination: %</p>														
<p>Certificate number: CXK A</p> <p>Serial number: 123456</p> <p>Certificate issue date: 2023.12.13</p>	<p>Designation of the theoretical and practical subjects of the sectoral basic examination and the vocational examination and their grades according to a five-grade scale</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Sectoral basic examination : The examination was passed based on recognised prior learning</td> </tr> <tr> <td colspan="2">Vocational examination project exercise</td> </tr> <tr> <td style="width: 80%;">Basic installation practice</td> <td style="text-align: center;">5</td> </tr> <tr> <td colspan="2">Result of the vocational examination in percentage</td> </tr> <tr> <td></td> <td style="text-align: center;">100%</td> </tr> <tr> <td colspan="2">Result of the vocational examination with grades</td> </tr> <tr> <td></td> <td style="text-align: center;">5</td> </tr> </table>	Sectoral basic examination : The examination was passed based on recognised prior learning		Vocational examination project exercise		Basic installation practice	5	Result of the vocational examination in percentage			100%	Result of the vocational examination with grades			5
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Result of the vocational examination with grades															
	5														
<p>Access to next level of education/training</p>	<p>International agreements</p>														
<p>Other information concerning the vocational training process</p>															
<p>Legal basis</p> <p>Government Decree 12/2020 (II. 7.) on the Implementation of the Vocational Education and Training Act, Act LXXX of 2019 on Vocational Education and Training.</p>															

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Description of the sectoral basic training and the theoretical and practical vocational training	Distribution of the total number of hours of the programme
Total duration of the education/training	600 hours

Entry requirements:

- Education prerequisite: elementary education or the completion of the Springboard (Döbbantó) Programme
- Occupational health aptitude test: required

Further information:

VOCATIONAL PRACTICAL SUBJECT	HOURS
Basic electrical knowledge	12 hour
Basic mechanical engineering knowledge	12 hour
Electrotechnology (Active and passive networks)	12 hour
Electrotechnology (Electric field, capacitor)	12 hour
Electrotechnology (Magnetic field)	12 hour
Electrotechnology (Alternating current networks)	12 hour
Electrical documentation	12 hour
Electrical safety engineering (Basic protection)	12 hour
Electrical safety technology (Fault protection)	12 hour
Electrical safety technology (Lightning protection)	12 hour
Electrical safety technology (Overvoltage protection)	12 hour
Electrical safety technology (Fire protection)	12 hour
Electrical safety technology (Working at height)	12 hour
Labour safety	12 hour
Building electricity I	12 hour
Electric networks I	12 hour

VOCATIONAL THEORETICAL SUBJECT	HOURS
Basic electrical knowledge	12 hour
Basic mechanical engineering knowledge	12 hour
Electrotechnology (Active and passive networks)	12 hour
Electrotechnology (Electric field, capacitor)	12 hour
Electrotechnology (Magnetic field)	12 hour
Electrotechnology (Alternating current networks)	12 hour
Electrical documentation	12 hour
Electrical safety engineering (Basic protection)	12 hour
Electrical safety technology (Fault protection)	12 hour
Electrical safety technology (Lightning protection)	12 hour
Electrical safety technology (Overvoltage protection)	12 hour
Electrical safety technology (Fire protection)	12 hour
Electrical safety technology (Working at height)	12 hour
Labour safety	12 hour
Building electricity I	12 hour
Electric networks I	12 hour

Continuous field practice 160 hour

Altogether 544 hour

Link to the Programme and Outcome Requirements and the Programme Curriculum: <https://ikk.hu>
 The present certificate supplement was elaborated in compliance with Government Decree 12/2020 (II. 7.) on the implementation of the Act on Vocational Education and Training.

National Reference Point: National Office of Vocational Education and Training and Adult Learning:
<https://nrk.nive.hu>

Head of Examination Organiser:

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