EUROPASS CERTIFICATE SUPPLEMENT

1. TITLE OF THE PROFESSION

07134027 Kisfeszültségű szabadvezeték hálózati FAM szerelő

2. TRANSLATED TITLE OF THE PROFESSION

Live working low-voltage open circuit network mechanic
(THIS TRANSLATION HAS NO LEGAL STATUS)

3. PROFILE OF SKILLS AND COMPETENCES

- the (live working) installer of the low-voltage free circuit network, in order to ensure continuity of service, without disconnecting the low-voltage free circuit network, - replaces equipment in free circuit distribution installations (e.g. current transformer, fuse socket, busbar, magnetic switch, terminal block), - installs or replaces a fuse box in a free circuit distribution installation, - replaces an insulator, - insulates a cable, - replaces a support structure, - replaces a cable;
- plan the sequence of operations, carry out risk assessment and make live changes to equipment (e.g. current transformer, fuse socket, busbar, magnetic switch, terminal block) in low-voltage free circuit distribution installations;
- plan the sequence of operations, carry out risk assessment, and install and replace live low-voltage free circuit distribution fuse boxes;
- plan the sequence of operations, carry out risk assessment and live wiring, replace insulators, supports and conductors in low-voltage free circuit distribution networks;
- interpret and complete written or electronic documents related to the work (e.g. live working permit);
- use management software.

4. CLASSIFICATION OF THE VOCATIONAL TRAINING ACCORDING TO THE ISCED FIELDS OF EDUCATION AND TRAINING (ISCED-F)

0713 Energetics and electricity

(*) 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.

5. OFFICIAL BASIS OF THE CERTIFICATE

Name and status of the authority issuing the certificate

Name and status of the national/regional authority providing accreditation/recognition of the certificate

Ministry for Innovation and Technology

Level of the certificate (national or international)

NQF level: 4

EQF level: 4

Digital Competence Framework level: 5

Grading scale / Pass requirements

Five -grade:
5 excellent
4 good
3 satisfactory
2 pass
1 fail

Certificate number: CXK A

Serial number: 123456

Certificate issue date:
2024.02.23

Designation of the theoretical and practical subjects of the vocational qualification examination and their grades according to a five-grade scale

written		
Low-voltage, live electrical installation knowledge	100%	5
project exercise		
Low-voltage live open circuit network installation practice	100%	5
Result of the qualification examination	100%	5

Access to next level of education/training

To secondary education

International agreements

Other information concerning the vocational training process

Decree 21/2010 (V. 14.) NFGM on the qualifications required for the exercise of certain industrial and commercial activities Decree 72/2003 (X. 29.) GKM on the issuance of the safety regulations for live working operations

Legal basis

Government Decree 12/2020 (II. 7.) on the Implementation of the Vocational Education and Training Act,
Government Decree 319/2020 (VII. 1.) on the amendment of Government Decree 12/2020 (II. 7.) on the Implementation of the Vocational Education and Training Act,
Government Decree 11/2020 (II. 7.) on the Implementation of the Act on Adult Education,
Government Decree 292/2023 (VII. 6.) on the amendments to government decrees due to the ex-post impact assessment of the transformation in vocational education and training.

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Description of the sectoral basic training and the theoretical and practical vocational training	Distribution of programme elements in percentage
Total duration of the education/training	60 hours

Entry requirements:

- Primary education
- Vocational training prerequisites:
- Electrician: on the basis of Decree 1/1956 (VII. 24.) VKGM on local industrial apprenticeship training, Decree 2/1959 (IV. 10.) of the Ministry of Labour (MüM) on the vocational examination for industrial (technical), agricultural and commercial apprentices, and for workers not in apprenticeship, Decree 13/1969 (XII. 30.) MüM on the implementation of Act VI of 1969 on vocational training, and Decree 18/1986 (VIII. 26.) MM on the professions and trades to be taught in vocational secondary schools and vocational training schools, 625 Electrician, 503 Electrician, 505 Electrician branches, 505-1 Electrical Equipment-Installer, 505-2 Building Electrician, 505-3 Railway Electrician, 505-4 Electrical Network-Installer, 506 General Electrician, and pursuant to Decree 7/1993 (XII. 30.) MüM, Decree 27/2001 (VII. 27.) OM, Decree 37/2003 (XII. 27.) OM and Decree 1/2006 (II. 17.) OM on the National Register of Vocational Qualifications, 07 2 7624 02 31 17 Electrician, 33 522 04 1000 00 00 Electrician, 07 2 7445 02 3 1 13 Electromechanical and Equipment Mechanic, 33 5222 03 Electromechanical and Equipment Mechanic, 33 5216 03 Electrician, on the basis of Government Decree 150/2012 (VII. 6.) on the National Register of Vocational Qualifications and on the procedure for amending it, 34 522 04 Electrician, and pursuant to Government Decree 12/2020 (II. 7.) on the implementation of the Vocational Education and Training Act, 4 0713 04 07 Electrician.
- Technician: on the basis of Decree 5/1972 (V. 16.) NIM on the certification of technicians, Decree 18/1972 (XI. 17.) of the Ministry of Agriculture and Forestry (ÉVM) on the certification of technicians, Decree 1/1972 (VI. 14.) KGM on the certification of technicians,and Decree 16/1984 (IX. 12.) MM on the training of technicians and apprentices in secondary technical schools, Electrical Engineering Technician, Building Electricity Technician, Electromechanical and Equipment Technician, Power Electronics and Equipment Manufacturing Technician, and, pursuant to Decree 7/1993 (XII. 30.) MüM, Decree 27/2001 (VII. 27.) OM, Decree 37/2003 (XII. 27.) OM and Decree 1/2006 (II. 17.) OM on the National Register of Vocational Qualifications,
- 52 5422 01 Electrical Engineering Technician, 52 5422 02 Power Electronics Technician, 52 5422 03 Electromechanical and Equipment Technician, 07 5 3118 16 30 18 Electromechanical and Equipment Technician, 54 522 01 0000 00 00 Power Electronic Technician, a certificate of vocational secondary education with the following entry: qualifies to perform activities in the electric power industry. Government Decree 150/2012 (VII. 6.) on the National Register of Vocational Qualifications and on the procedure for amending it, 54 522 01 Power Electronic Technician, Government Decree 12/2020 (II. 7.) on the implementation of the Vocational Education and Training Act, 5 0713 04 04 Power Electronic Technician.
- Engineer: For (BSc, MSc) graduates in Electrical Engineering or Electrical Plant Engineering with a degree in Power Engineering if the diploma includes one of the following specialisations (sectors): -electrical plants, - electrical machinery, -electrical engineering, - building electrification. In cases where only the degree of Electrical Engineering is indicated in the diploma, thus the specialisation in Electrical Power Engineering cannot be confirmed, the specialisation shall be determined from the student's registration course book (index).
- Health aptitude test: required
- Required field and length of traineeship: 1 year high-voltage traineeship

Further information:

WRITTEN EXAMINATION EXERCISES
Completion of a question paper consisting of multiple-choice and situational questions. Questions related to definitions, documents, protective equipment, tools, personal conditions, weather conditions, network suitability, occupational safety, risk assessment, electric shock accident

PROJECT EXERCISES
The test parts must be carried out in a team of 3, with all three members of the team having both a supervisor and an intervener role one after the other.
Part I: Performing a live installation task on low-voltage insulated free circuit networks according to live working specifications: replacement of free circuit distribution fuse boxes
Part II:Performing a live installation task on bare low-voltage free circuit networks according to live working specifications: performing network regulation

You can find more information on the Programme and System Requirements in the following link: https://ikk.hu
This certificate supplement was elaborated in accordance with the programme requirements registered by the minister responsible for VET.

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

Head of Examination Organiser:
Issue date: 2024.02.23

SEAL