

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

35-522-11 Villamos állomás kezelő

**2. TRANSLATED TITLE OF THE CERTIFICATE (EN)**Electrical substation operator  
(THIS TRANSLATION HAS NO LEGAL STATUS)**3. PROFILE OF SKILLS AND COMPETENCES****A typical holder of the certificate is able to:**

- perform inspection run of the substation;
- perform status inspection run of the substation, read the electric parameters of the station;
- document inspection results;
- keep a factory log;
- provide on-site supervision for substation works;
- inspect operating status of the equipment;
- operate substation;
- restore faulty equipment to operational state;
- prepare shutdown instructions;
- prepare switch sequences;
- perform shutdown as per the factory manager's instructions;
- identify the causes of malfunctions;
- carry out the handover-takeover of the site;
- read and interpret the signals by protections and automations;
- identify causes of malfunctions, perform the repair and restoration of faulty equipment;
- communicate with factory managers;
- comply with fire safety and work safety regulations while working;
- comply with shock protection and operation rules.

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

7343 Electric network mechanic and repairer

**(\*) 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><br/>35 secondary vocational qualification add-ons, which are based on vocational qualifications requiring elementary school qualifications and may typically be obtained in formal education</p> <p><b>ISCED2011 code:</b><br/>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<br/>4 good<br/>3 satisfactory<br/>2 pass<br/>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: 25%;">Central written examination</td> <td style="width: 45%;">Complex written test for the electric substation operator</td> <td style="width: 10%; text-align: center;">5</td> <td style="width: 20%; text-align: center;">30.00</td> </tr> <tr> <td>Oral examination</td> <td>Complex oral test for the electric substation operator</td> <td style="text-align: center;">5</td> <td style="text-align: center;">30.00</td> </tr> <tr> <td>Practical examination</td> <td>Measurement of electric network parameters in a substation</td> <td style="text-align: center;">5</td> <td style="text-align: center;">40.00</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 | Complex written test for the electric substation operator | 5 | 30.00 | Oral examination | Complex oral test for the electric substation operator | 5 | 30.00 | Practical examination | Measurement of electric network parameters in a substation | 5 | 40.00 | Result achieved at the complex vocational examination, expressed in grades. |  | 5 |  |
| Central written examination   | Complex written test for the electric substation operator   | 5                           | 30.00   |   |       |                  |  |   |       |                       |  |   |       |   |  |   |  |
| Oral examination  | Complex oral test for the electric substation operator  | 5                           | 30.00   |   |       |                  |  |   |       |                       |  |   |       |   |  |   |  |
| Practical examination   | Measurement of electric network parameters in a substation  | 5                           | 40.00   |   |       |                  |  |   |       |                       |  |   |       |   |  |   |  |
| Result achieved at the complex vocational examination, expressed in grades.   |   | 5                           |   |   |       |                  |  |   |       |                       |  |   |       |   |  |   |  |
| <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<br/>Professional and examination requirements established by decree no. 25 of 2014 (26 August) of the Minister 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: 70 % Practice: 30 %     |                                     |
| Workplace-based   |                                 |                                     |
| Accredited prior learning   |                                 |                                     |
| Total duration of the education/training leading to the certificate |                                 | 240 hours                           |

**Entry requirements:**

- Elementary school graduation.
- Electrician or secondary or tertiary qualification in heavy current applications

**Vocational requirement modules:**

11286-12 Technical operations

11287-12 Inspect and operate the electrical substation

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**