

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

55 5483 01 ENERGETIKAI MÉRNÖKASSZISZTENS

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

- independently or under the professional supervision of an engineer, perform technical development, planning, controlling and monitoring related energetics tasks in the field of thermal energy and electric energy production, delivery, distribution and consumption;
- take part in designing and producing energetics equipment and systems and in the modernisation of such systems as well as in the preparation of quality assurance systems in the field of energetics;
- take part in managing and supervising the safe operation of energetics equipment and systems, locating faults in energetics equipment and systems as well as co-operate in ensuring adherence to requirements stipulated by repair technologies;
- take part in introducing new technologies, ensuring economic use of technologies and equipment, preparing technical reports and documentations as well as co-operate in energy consumption related planning activities and analyses;
- monitor changes in basic operation characteristics, adherence to technological processes and monitor the technical parameters of materials, instruments and equipment used during operation, maintenance and modernisation;
- carry out physical work requiring a higher level of vocational qualification in the course of performing laboratory tasks, test runs, fault locations, fault clearing activities and during test projects;
- ensure appropriate technical condition of machines, instruments and equipment under his/her supervision;
- ensure materials, auxiliary materials, machines, tools, devices and measuring instruments necessary for continuous operation and production as well as for the performance of maintenance and repair jobs.

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

3151 Energy manager

**(\*) 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>In the case of vocational qualifications belonging to the competence of the Ministry of Education (ME), a vocational qualification-related independent professional committee commissioned by the ME</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/>55 Higher level vocational qualification based on the baccalaureate.</p> <p><b>ISCED97 code:</b><br/>5B</p>   | <p><b>Grading scale / Pass requirements</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Five -grade:</td> <td style="width: 10%; text-align: center;">5</td> <td style="width: 75%;">excellent</td> </tr> <tr> <td></td> <td style="text-align: center;">4</td> <td>good</td> </tr> <tr> <td></td> <td style="text-align: center;">3</td> <td>satisfactory</td> </tr> <tr> <td></td> <td style="text-align: center;">2</td> <td>pass</td> </tr> <tr> <td></td> <td style="text-align: center;">1</td> <td>fail</td> </tr> </table> <p>Vocational qualification examination after the completion of vocational training</p> <p>Parts of the examination: - Vocational theory<br/>- Vocational practice</p> <p>A successful vocational qualification examination requires a pass grade both in vocational theory and practice.</p>   | Five -grade:                           | 5 | excellent             |   | 4                            | good |                                     | 3 | satisfactory               |   | 2                     | pass |                             | 1 | fail                       |   |                                   |  |  |   |                              |   |
| Five -grade:   | 5   | excellent                              |   |                       |   |                              |      |                                     |   |                            |   |                       |      |                             |   |                            |   |                                   |  |  |   |                              |   |
|  | 4   | good                                   |   |                       |   |                              |      |                                     |   |                            |   |                       |      |                             |   |                            |   |                                   |  |  |   |                              |   |
|  | 3   | satisfactory                           |   |                       |   |                              |      |                                     |   |                            |   |                       |      |                             |   |                            |   |                                   |  |  |   |                              |   |
|  | 2   | pass                                   |   |                       |   |                              |      |                                     |   |                            |   |                       |      |                             |   |                            |   |                                   |  |  |   |                              |   |
|  | 1   | fail                                   |   |                       |   |                              |      |                                     |   |                            |   |                       |      |                             |   |                            |   |                                   |  |  |   |                              |   |
| <p><b>Certificate number:</b><br/>PT K</p> <p><b>Serial number:</b><br/>123456</p> <p><b>Certificate issue date:</b><br/>2023.09.14</p>  | <p><b>Description of vocational theoretical and practical subjects and their grades according to the five-grade scale</b></p> <p><b>1. Grades of vocational theoretical examination subjects</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Topics/subjects of written examination</td> </tr> <tr> <td style="width: 80%;">Energetics Technology</td> <td style="width: 20%; text-align: center;">5</td> </tr> <tr> <td>Grade of Written Examination</td> <td style="text-align: center;">5</td> </tr> <tr> <td colspan="2">Topics/subjects of oral examination</td> </tr> <tr> <td>Power Plant Related Issues</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Energetics Technology</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Defence of a Design Project</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Grade of Vocational Theory</td> <td style="text-align: center;">5</td> </tr> </table> <p><b>2. Assessment of vocational practical preparedness</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Subjects of practical examination</td> </tr> <tr> <td style="width: 80%;">Energetics Measurements, Preparing Evaluation Purpose Documentations</td> <td style="width: 20%; text-align: center;">5</td> </tr> <tr> <td>Grade of Vocational Practice</td> <td style="text-align: center;">5</td> </tr> </table> | Topics/subjects of written examination |   | Energetics Technology | 5 | Grade of Written Examination | 5    | Topics/subjects of oral examination |   | Power Plant Related Issues | 5 | Energetics Technology | 5    | Defence of a Design Project | 5 | Grade of Vocational Theory | 5 | Subjects of practical examination |  | Energetics Measurements, Preparing Evaluation Purpose Documentations | 5 | Grade of Vocational Practice | 5 |
| Topics/subjects of written examination   |   |  |   |                       |   |                              |      |                                     |   |                            |   |                       |      |                             |   |                            |   |                                   |  |  |   |                              |   |
| Energetics Technology  | 5   |  |   |                       |   |                              |      |                                     |   |                            |   |                       |      |                             |   |                            |   |                                   |  |  |   |                              |   |
| Grade of Written Examination   | 5   |  |   |                       |   |                              |      |                                     |   |                            |   |                       |      |                             |   |                            |   |                                   |  |  |   |                              |   |
| Topics/subjects of oral examination  |   |  |   |                       |   |                              |      |                                     |   |                            |   |                       |      |                             |   |                            |   |                                   |  |  |   |                              |   |
| Power Plant Related Issues   | 5   |  |   |                       |   |                              |      |                                     |   |                            |   |                       |      |                             |   |                            |   |                                   |  |  |   |                              |   |
| Energetics Technology  | 5   |  |   |                       |   |                              |      |                                     |   |                            |   |                       |      |                             |   |                            |   |                                   |  |  |   |                              |   |
| Defence of a Design Project  | 5   |  |   |                       |   |                              |      |                                     |   |                            |   |                       |      |                             |   |                            |   |                                   |  |  |   |                              |   |
| Grade of Vocational Theory   | 5   |  |   |                       |   |                              |      |                                     |   |                            |   |                       |      |                             |   |                            |   |                                   |  |  |   |                              |   |
| Subjects of practical examination  |   |  |   |                       |   |                              |      |                                     |   |                            |   |                       |      |                             |   |                            |   |                                   |  |  |   |                              |   |
| Energetics Measurements, Preparing Evaluation Purpose Documentations   | 5   |  |   |                       |   |                              |      |                                     |   |                            |   |                       |      |                             |   |                            |   |                                   |  |  |   |                              |   |
| Grade of Vocational Practice   | 5   |  |   |                       |   |                              |      |                                     |   |                            |   |                       |      |                             |   |                            |   |                                   |  |  |   |                              |   |
| <p><b>Access to next level of education/training</b></p> <p>To higher 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 LXXVI of 1993 on vocational training,<br/>Decree 27/2001 (VII. 27.) OM of the Minister of Education on the amendment of Decree 7/1993 (XII. 30.) MüM of the Minister of Labour on the National Qualifications Register,<br/>Decree 26/2001 (VII. 27.) OM of the Minister of Education on the general rules and rules of procedure of vocational examinations,<br/>Decree 29/1998. (VI.13.) of the Minister of Industry, Trade and Tourism (IKIM) and Decree 19/2000. (VII.26.) of the Minister of Education (OM) on vocational and examination requirements of Energetics engineer assistant.</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: 65 % Practice: 35 %     |                                     |
| Workplace-based   |                                 |                                     |
| Accredited prior learning   |                                 |                                     |
| Total duration of the education/training leading to the certificate |                                 | 2 years                             |

**Entry requirements:**

- bacalaureate

**Further information:**

MANDATORY VOCATIONAL THEORETICAL SUBJECTS

Filled in by the exam organiser.

MANDATORY VOCATIONAL PRACTICAL SUBJECTS

Filled in by the exam organiser.

**Further information (including the description of the national grading method):**

The basis of the grading system is a list of vocational and examination requirements compiled in accordance with uniform criteria and structure, issued in the form of legal regulation that includes the following:

- identification number and description of the vocational qualification as specified in OKJ and the relevant FEOR number,
- school and vocational prequalification required for the start of the training, aptitude and vocational competence requirements and prescribed practice,
- the most typical occupation or activity accessible to the holder of the vocational qualification certificate, the short job description, and the list of related vocational qualifications,
- the duration of the training required for the vocational qualification; maximum number of hours; the ratio of theoretical and practical training; the number of vocational training classes in the vocational training school; the duration of initial training period; the possibility of organising a grade examination assessing the efficiency of practical training,
- occupational requirements of vocational qualification,
- requirements pertaining to vocational examination.

The vocational and examination requirements will be classified by the occupational group committees of the National Qualification Register (OKJ) and by the National Council for Vocational Training, and subsequently they will be issued in the form of legal regulations.

Vocational and examination requirements are available at: <http://www.nive.hu>

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: 2023.09.14

**SEAL**