

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

52 5483 01 ENERGETIKUS

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

ENERGETICIST

(THIS TRANSLATION HAS NO LEGAL STATUS)

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

- A typical holder of the certificate is able to: - operate energetics information systems, - plan for demands in energy and output, - carry out surveys of energy loss, - plan energy utilisation, - perform energetics measurements, - perform safety engineering inspections with respect to energy consumption, - during work, observe business, management, safety at work, fire protection, accident prevention, environmental protection and application of legal regulations related know-how and supervise the adherence thereto.

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>Name and status of the institute issuing the certificate</p>	<p>Name and status of the national/regional authority providing accreditation/recognition of the certificate</p>																																		
<p>Level of the certificate (national or international)</p> <p>Level of vocational qualification according to the National Qualification Register: 52 Intermediate vocational qualification entitling the holder to fill positions requiring physical or intellectual work, which is based on the input competence determined in the vocational and examination requirements, on preliminary vocational qualification or on the baccalaureate.</p> <p>ISCED97 code: 4CV</p>	<p>Grading scale / Pass requirements</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 Parts of the examination: - Vocational theory - 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																			
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<p>Certificate number: PT K</p> <p>Serial number: 123456</p> <p>Certificate issue date: 2023.09.14</p>	<p>Description of vocational theoretical and practical subjects and their grades according to the five-grade scale</p> <p>1. Grades of vocational theoretical examination subjects</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Topics/subjects of written examination</td> </tr> <tr> <td style="width: 85%;">Foundations of Thermodynamics</td> <td style="width: 15%; text-align: center;">5</td> </tr> <tr> <td>Initial Education in Electricity</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Energetics and Energy Utilisation</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Metrics Skills</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Legal Regulations Concerning Energy Management</td> <td style="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>Energy Management Related Issues in the Chosen Field(S)</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Examination Methodology of Energy Loss</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Energetics Measurements</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Safety engineering</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Environmental protection studies</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Grade of Vocational Theory</td> <td style="text-align: center;">5</td> </tr> <tr> <td colspan="2">2. Assessment of vocational practical preparedness</td> </tr> <tr> <td colspan="2">Subjects of practical examination</td> </tr> <tr> <td>Grade of Vocational Practice</td> <td style="text-align: center;">5</td> </tr> </table>	Topics/subjects of written examination		Foundations of Thermodynamics	5	Initial Education in Electricity	5	Energetics and Energy Utilisation	5	Metrics Skills	5	Legal Regulations Concerning Energy Management	5	Grade of Written Examination	5	Topics/subjects of oral examination		Energy Management Related Issues in the Chosen Field(S)	5	Examination Methodology of Energy Loss	5	Energetics Measurements	5	Safety engineering	5	Environmental protection studies	5	Grade of Vocational Theory	5	2. Assessment of vocational practical preparedness		Subjects of practical examination		Grade of Vocational Practice	5
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<p>Access to next level of education/training</p> <p>After obtaining the baccalaureate, to higher education</p>	<p>International agreements</p>																																		
<p>Other information concerning the vocational training process</p>																																			
<p>Legal basis</p> <p>Act LXXVI of 1993 on vocational training, 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, Decree 26/2001 (VII. 27.) OM of the Minister of Education on the general rules and rules of procedure of vocational examinations, Decree no. 50/1999. (IX.10.) GM of the Minister of Economic Affairs on the amendment of Decree no. 5/1997. (III.5.) IKIM of the Minister of Industry, Trade and Tourism on qualifications required for performing specific industrial, commercial and tourism related activities, Decree 18/1995. (VI.6.) of the Minister of Industry and Trade (IKM) on vocational and examination requirements of Energeticist.</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: 90 % Practice: 10 %	
Workplace-based		
Accredited prior learning		
Total duration of the education/training leading to the certificate		300 hours

Entry requirements:

- According to Point 4.1 of Section IV of Vocational Training of Energeticists as issued by Decree 18/1995. (VI.6.) of the Minister of Industry and Trade (IKM).

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