



1. TITLE OF THE CERTIFICATE (HU)

54-582-01 Épületgépész technikus

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Building Engineering Technician
(THIS TRANSLATION HAS NO LEGAL STATUS)

3. PROFILE OF SKILLS AND COMPETENCES

A typical holder of the certificate is able to:

- process and revise plans as per building trades, identify systems and system elements;
- reconcile the suggestions and comments made on the project, complete technical documentation;
- define and perform project-related organizational tasks;
- prepare tender documentation, calculate the offered price, draw up draft services contract;
- develop the conditions for project implementation at the workplace and prepare a detailed time schedule;
- suggest sources of supply and services by sub-contractors;
- hand over and take over the construction site, direct and supervise (technically) the implementation;
- check the qualifications of skilled workers, provide practical demonstration and training;
- manage implementation documents and site diary, control implementation as planned and finishing by building trades;
- ensure the necessary conditions for putting into operation and adjustment, coordinate putting into operation and adjustment activities;
- perform test run, organize training for the operator;
- accept and document sub-contractors' services, compile delivery-acceptance documentation;
- cooperate with the building control authority and other competent authorities by submitting and accepting the required documents and organizing official site inspections;
- perform delivery and acceptance, close project;
- design and manage operation and maintenance, plan and schedule diagnostic tests and official measurement.

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

3116 Mechanical engineering technician
3213 Technical manager and supervisor in the construction industry

(*) 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>Ministry for National Economy</p>																
<p>Level of the certificate (national or international)</p> <p>Level of vocational qualification according to the National Qualification Register: 54 advanced vocational qualifications, which require the completion of the secondary school leaving exam and may be obtained primarily in formal education</p> <p>ISCED2011 code: 4</p> <p>NQF level: 5</p> <p>EQF level: 5</p>	<p>Grading scale / Pass requirements</p> <p>Five -grade: 5 excellent 4 good 3 satisfactory 2 pass 1 fail</p>																
<p>Certificate number: PT K</p> <p>Serial number: 123456</p> <p>Certificate issue date: 2023.10.02</p>	<p>Results achieved at the examination and their proportion expressed in percentage in the complex mark</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Central written examination</td> <td style="width: 40%;">Tasks for building engineering technicians</td> <td style="width: 10%; text-align: center;">5</td> <td style="width: 30%; text-align: center;">30.00</td> </tr> <tr> <td>Oral examination</td> <td>Oral examination for building engineering technicians</td> <td style="text-align: center;">5</td> <td style="text-align: center;">30.00</td> </tr> <tr> <td>Practical examination</td> <td>Installation and pressure test of building engineering systems</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	Tasks for building engineering technicians	5	30.00	Oral examination	Oral examination for building engineering technicians	5	30.00	Practical examination	Installation and pressure test of building engineering systems	5	40.00	Result achieved at the complex vocational examination, expressed in grades.		5	
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<p>Access to next level of education/training</p> <p>Advancement to higher education</p>	<p>International agreements</p>																
<p>Other information concerning the vocational training process</p>																	
<p>Legal basis</p> <p>Act CLXXXVII of 2011 on Vocational Training Decree 29/2016 (VIII. 26.) NGM of the Minister for National Economy on the professional and examination requirements of vocational qualifications.</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: 40 % Practice: 60 %	
Workplace-based		
Accredited prior learning		
Total duration of the education/training leading to the certificate		2 years

Entry requirements:

- Secondary school leaving examination
- Requirements for medical fitness shall be met

Vocational requirement modules:

11692-16 Labour safety and environmental protection
10209-16 Building engineering installation of pipelines
11704-16 Basics of building engineering
11693-16 Water supply, sewerage
11694-16 Gas supply
11695-16 Heating techniques
11696-16 Cooling techniques
11702-16 Air conditioning
11703-16 System and management techniques
10208-16 Knowledge related to management and organisation
11498-12 Employment I. (for trainings based on secondary school-leaving examinations)
11499-12 Employment II.

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: 2023.10.02

SEAL