

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

52 5842 03 VÍZÜGYI TECHNIKUS

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

- describe the natural circulation of water, measure the components of the process;
- select hydrometric and meteorologic measuring and detecting instruments, collect and process data, maintain instruments, perform hydrostatic and hydrodynamic calculations and calibrations;
- define water quality criteria and evaluate data;
- identify and assess damages caused by water, analyse technical documentation, participate in the prevention of damages caused by water and in the handling of water quality emergencies;
- interpret the technical documentation of water utilisation, select the appropriate technologies, manage operative tasks related to water utilisation;
- present and describe municipal water management activities (water supply-drainage), interpret quantity and quality parameters, select the appropriate technologies, carry out mathematical and statistical analysis of technological processes, describe the construction and operation of network and plant engineering structures, operate networks and participate in the operation of plants;
- select proper equipment for on-site measurements, carry out independently water level and water height gauging and alignments, prepare measuring and graphic documentation, interpret the complete documentation;
- use modern IT instruments, operate specific technical software programs, use portable data collecting IT instruments, process and evaluate measuring results;
- select and characterise the specific compound of regional and municipal water management and water engineering, interpret their operation, control the mechanised or automated technologies;
- measure and assess the features of water engineering materials, define their usability concerning a given construction work;
- prepare and interpret the technical documentation of water engineering, control the construction of engineering structures and line facilities, perform workplace related administrative tasks, prepare building authority proceedings;
- fulfil tasks related to material, human resources and wages management, perform water management administration activities.

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

3129 Environmental water technician

(*) 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>In the case of vocational qualifications belonging to the competence of the Ministry of the Environment and Water Affairs (KöViM), a vocational qualification-related independent professional committee commissioned by the KöViM</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</p> <p>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> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">1. Grades of vocational theoretical examination subjects</td> </tr> <tr> <td colspan="2">Topics/subjects of written examination</td> </tr> <tr> <td style="width: 80%;">Water Management</td> <td style="width: 20%; text-align: center;">5</td> </tr> <tr> <td>Water Engineering and Mechanics</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>Water Management</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Measuring Techniques and Operational Studies</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Labour Law, Work Safety and Environment 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>Final exam project</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Geodesy</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Grade of Vocational Practice</td> <td style="text-align: center;">5</td> </tr> </table>	1. Grades of vocational theoretical examination subjects		Topics/subjects of written examination		Water Management	5	Water Engineering and Mechanics	5	Grade of Written Examination	5	Topics/subjects of oral examination		Water Management	5	Measuring Techniques and Operational Studies	5	Labour Law, Work Safety and Environment Protection Studies	5	Grade of Vocational Theory	5	2. Assessment of vocational practical preparedness		Subjects of practical examination		Final exam project	5	Geodesy	5	Grade of Vocational Practice	5
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<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 32/1995 (XII.30.) of the Minister of Transport, Communications and Water Management (KHVM) on vocational and examination requirements of environmental water technician, Central/training program approved by the Minister of Labour (MüM) under approval number 667/97.(III.23.).</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		2 years

Entry requirements:

- Baccalaureate
- Passing the aptitude test; health fitness
- Prerequisite of admission is preliminary vocational qualification

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

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