



1. TITLE OF THE PROFESSION

10323025 Vízügyi gépész

2. TRANSLATED TITLE OF THE PROFESSION

Water technician

(THIS TRANSLATION HAS NO LEGAL STATUS)

3. PROFILE OF SKILLS AND COMPETENCES

- the water technician performs the operational tasks of portable and installed pumps, pumping stations, barrages and water management structures used in the field of water management, as well as maintenance-related activities;
- performs rescue tasks in areas affected by damage;
- the technician professionally installs, commissions and operates portable pumps;
- throughout their job, they provide for the maintenance of the operational capacity of pumps/pumping plants, barrages, water control structures during defense periods and otherwise, performs the professional startup of pumps, barrages, water control structures, performs immediate intervention in the event of malfunctions, and the prescribed maintenance tasks;
- continuously maintains operating documentation in accordance with technical operating regulations;
- throughout the course of their activities, uses occupational safety equipment professionally and complies with work, fire, accident and environmental protection regulations;
- assesses areas at risk, calculates water quantities, determines units of measurement;
- checks and maintains machinery based on the provided technical drawings and diagrams;
- determines, assembles and operates the system (pump, pipes, fittings) required for water extraction;
- assembles and installs the equipment required for irrigation.

4. CLASSIFICATION OF THE VOCATIONAL TRAINING ACCORDING TO THE ISCED FIELDS OF EDUCATION AND TRAINING (ISCED-F)

1032 Personal and property protection

(*) Explanatory notes:

¹ In the original language. | ² The translation of the designation is provided for information purposes only. | ³ Fill it out if necessary. The certificate supplement provides additional information on the qualification but have no legal value in itself. The format of the description is in conformity with Decision (EU) 2018/646 of the European Parliament and of the Council of 18 April 2018 on a common framework for the provision of better services for skills and qualifications (Europass) and repealing Decision No 2241/2004/EC.

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5. OFFICIAL BASIS OF THE CERTIFICATE

<p>Name and status of the authority issuing the certificate</p>	<p>Name and status of the national/regional authority providing accreditation/recognition of the certificate</p> <p>Ministry for Innovation and Technology</p>															
<p>Level of the certificate (national or international)</p> <p>NQF level: 3</p> <p>EQF level: 3</p> <p>Digital Competence Framework level: 2</p>	<p>Grading scale / Pass requirements</p> <p>Five -grade: 5 excellent 4 good 3 satisfactory 2 pass 1 fail</p>															
<p>Certificate number: CXK A</p> <p>Serial number: 123456</p> <p>Certificate issue date: 2024.02.09</p>	<p>Designation of the theoretical and practical subjects of the vocational qualification examination and their grades according to a five-grade scale</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="3">written</td> </tr> <tr> <td>Water technician basic theoretical knowledge, documentation</td> <td style="text-align: center;">100%</td> <td style="text-align: center;">5</td> </tr> <tr> <td colspan="3">project exercise</td> </tr> <tr> <td>Water technician practical knowledge</td> <td style="text-align: center;">100%</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Result of the qualification examination</td> <td style="text-align: center;">100%</td> <td style="text-align: center;">5</td> </tr> </table>	written			Water technician basic theoretical knowledge, documentation	100%	5	project exercise			Water technician practical knowledge	100%	5	Result of the qualification examination	100%	5
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<p>Access to next level of education/training</p> <p>Advancement to the next level of education/training</p>	<p>International agreements</p>															
<p>Other information concerning the vocational training process</p>																
<p>Legal basis</p> <p>Government Decree 12/2020 (II. 7.) on the Implementation of the Vocational Education and Training Act, Government Decree 319/2020 (VII. 1.) on the amendment of Government Decree 12/2020 (II. 7.) on the Implementation of the Vocational Education and Training Act, Government Decree 11/2020 (II. 7.) on the Implementation of the Act on Adult Education, Government Decree 292/2023 (VII. 6.) on the amendments to government decrees due to the ex-post impact assessment of the transformation in vocational education and training.</p>																

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Description of the sectoral basic training and the theoretical and practical vocational training	Distribution of programme elements in percentage
Total duration of the education/training	300 hours
<p>Entry requirements:</p> <ul style="list-style-type: none">- Primary school education- Medical fitness requirement: necessary <p>Further information:</p> <p>WRITTEN EXAMINATION EXERCISES a/ knowledge related to filling out the machine operational log (accurate entry of pump operating data, determination of total consumption on the basis of machine operating hours, normal and specific consumption, description of the reasons for possible deviations - accurate determination of aggregated machine operating hours, accurate determination of downtimes and description of the reasons, description of maintenance during operation) b/. general professional knowledge (general electrical knowledge, general engine knowledge, barrages, irrigation water withdrawal, general pump knowledge)</p> <p>PROJECT EXERCISES Operation of pumps, pumping stations, dams. Professional discussion with the examination committee.</p> <p>You can find more information on the Programme and System Requirements in the following link: https://ikk.hu This certificate supplement was elaborated in accordance with the programme requirements registered by the minister responsible for VET.</p> <p>National Reference Point: National Office of Vocational Education and Training and Adult Learning: https://nrk.nive.hu</p>	

Head of Examination Organiser:
Issue date: 2024.02.09

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