

**1. TITLE OF THE PROFESSION**

10323028 Víz- és csatornamű kezelő

**2. TRANSLATED TITLE OF THE PROFESSION**Water and sewer operator  
(THIS TRANSLATION HAS NO LEGAL STATUS)**3. PROFILE OF SKILLS AND COMPETENCES**

- A water and sewer operator ensures the uninterrupted operation of a settlement's utility network and the associated plant;
- in the course of their work, based on the relevant operating instructions, they keep the machines and equipment of the technology in question under continuous control, knows and applies what is described in the handling and maintenance instructions, recognizes the root causes of possible failures, can carry out basic repairs, replaces and supplements parts, cleans the structure, oils;
- conducts water and waste water quality tests on a daily basis and takes control readings;
- records the results of measurements and readings and draws conclusions based on them, when required, takes the necessary measures, modifies the input parameters of the equipment;
- interprets technical control signals, signals, methods of transmission and remote control;
- use the technological process control software of water utilities;
- their task is to maintain the water and sewer networks of the settlement and perform the troubleshooting of pipe breaks, blockages, sewage conveyors;
- is familiar with the materials required for maintenance and troubleshooting, their installation methods, and uses work tools, machines, equipment and tools professionally;
- plans their work as a conscious professional, performs inventory management, and uses software for his calculations;
- complies with occupational safety and environmental protection regulations;
- works in a team and cooperates with colleagues of other professions;
- takes part in trainings, regularly develops their professional knowledge.

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

1032 Personal and property protection

**(\*) Explanatory notes:**

<sup>1</sup> In the original language. | <sup>2</sup> The translation of the designation is provided for information purposes only. | <sup>3</sup> 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><b>Name and status of the authority issuing the certificate</b></p>	<p><b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b></p> <p>Ministry for Innovation and Technology</p>												
<p><b>Level of the certificate (national or international)</b></p> <p><b>NQF level:</b> 3</p> <p><b>EQF level:</b> 3</p> <p><b>Digital Competence Framework level:</b> 4</p>	<p><b>Grading scale / Pass requirements</b></p> <p>Five -grade: 5 excellent 4 good 3 satisfactory 2 pass 1 fail</p>												
<p><b>Certificate number:</b> CXK A</p> <p>Serial number: 123456</p> <p><b>Certificate issue date:</b> <b>2024.02.09</b></p>	<p><b>Designation of the theoretical and practical subjects of the vocational qualification examination and their grades according to a five-grade scale</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="3"><b>project exercise</b></td> </tr> <tr> <td style="width: 80%;">Water and sewer operation</td> <td style="width: 10%; text-align: center;">100%</td> <td style="width: 10%; text-align: center;">5</td> </tr> <tr> <td colspan="3">Result of the qualification examination</td> </tr> <tr> <td></td> <td style="text-align: center;">100%</td> <td style="text-align: center;">5</td> </tr> </table>	<b>project exercise</b>			Water and sewer operation	100%	5	Result of the qualification examination				100%	5
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<p><b>Access to next level of education/training</b></p> <p>Advancement to the next level of education/training</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>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

### Entry requirements:

- Primary school education
- Medical fitness requirement: necessary

### Further information:

#### PROJECT EXERCISES

A) Operational tasks: - installation of pipelines and ducts in compliance with fire and environmental protection requirements; - inspection, dismantling, fault detection, repair, assembly of machinery or equipment (pump, slide, return valve) used in the operation of waterworks/pipelines; - performance of a task (commissioning, control of operating parameters, decommissioning) in operational conditions, related to the function of a group of machinery or equipment; - performance of administrative tasks related to the operational task, documentation (work plan, operating log, machine book).

B.) Measurement tasks: Performing physical and chemical operational control measurements with portable laboratory measuring instruments in compliance with work, fire and environmental protection regulations. Performing documentation tasks related to the measurements.

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.

**National Reference Point: National Office of Vocational Education and Training and Adult Learning:**  
<https://nrk.nive.hu>

Head of Examination Organiser:  
Issue date: 2024.02.09

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