



1. TITLE OF THE PROFESSION

4 0732 07 04 Víz- és csatornarendszer-szerelő (Csőhálózat-szerelő)

2. TRANSLATED TITLE OF THE PROFESSION

Water and sewerage system fitter (Pipe network fitter)
(THIS TRANSLATION HAS NO LEGAL STATUS)

3. PROFILE OF SKILLS AND COMPETENCES

- carry out the construction of drinking water and sewerage networks independently on the basis of a technical drawing; carry out the construction of heating, cooling or gas networks under professional supervision;
- make pipe joints, fix and insulate pipes;
- connect water and wastewater discharge fittings and connect various fittings to the pipe network;
- carry out day-to-day activities in accordance with health and safety, fire safety and environmental protection regulations;
- prepare the supports and fixing techniques for fittings and pipework;
- keep the work area tidy and clean. Handle the waste and debris generated in accordance with the relevant regulations.

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

7521 Water and sewerage pipe layer

(*) 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

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|--|--|---|--|--|--|-------------------------------|---|--|--|--|------|--|--|--|---|
| <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: 3</p> | <p>Grading scale / Pass requirements</p> <p>Five -grade: 5 excellent 4 good 3 satisfactory 2 pass 1 fail</p> <p>The prerequisite of being eligible to sit for a sectoral basic examination is the successful completion of all the required training courses, or the recognised prior learning should incorporate the requirements of the sectoral basic examination. The prerequisite of being eligible to sit for a vocational examination is the successful completion of all the training courses and the uninterrupted professional practice required. In case the student is required to pass a sectoral basic examination, latter shall be recognised with the following weighting: The result of the basic sectoral examination will be computed into that of the vocational examination with the following weighting: Sectoral basic examination: %, Vocational examination: %</p> | | | | | | | | | | | | | | |
| <p>Certificate number: CXK A</p> <p>Serial number: 123456</p> <p>Certificate issue date: 2024.04.22</p> | <p>Designation of the theoretical and practical subjects of the sectoral basic examination and the vocational examination and their grades according to a five-grade scale</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Sectoral basic examination : The examination was passed based on recognised prior learning</td> </tr> <tr> <td colspan="2">Vocational examination project exercise</td> </tr> <tr> <td>Pipe network fitting practice</td> <td style="text-align: center;">5</td> </tr> <tr> <td colspan="2">Result of the vocational examination in percentage</td> </tr> <tr> <td></td> <td style="text-align: center;">100%</td> </tr> <tr> <td colspan="2">Result of the vocational examination with grades</td> </tr> <tr> <td></td> <td style="text-align: center;">5</td> </tr> </table> | Sectoral basic examination : The examination was passed based on recognised prior learning | | Vocational examination project exercise | | Pipe network fitting practice | 5 | Result of the vocational examination in percentage | | | 100% | Result of the vocational examination with grades | | | 5 |
| Sectoral basic examination : The examination was passed based on recognised prior learning | | | | | | | | | | | | | | | |
| Vocational examination project exercise | | | | | | | | | | | | | | | |
| Pipe network fitting practice | 5 | | | | | | | | | | | | | | |
| Result of the vocational examination in percentage | | | | | | | | | | | | | | | |
| | 100% | | | | | | | | | | | | | | |
| Result of the vocational examination with grades | | | | | | | | | | | | | | | |
| | 5 | | | | | | | | | | | | | | |
| <p>Access to 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, Act LXXX of 2019 on Vocational Education and Training, 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

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| Description of the sectoral basic training and the theoretical and practical vocational training | Distribution of the total number of hours of the programme |
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| Total duration of the education/training | 720 hours |

Entry requirements:

- Educational prerequisite: elementary education or the completion of the Springboard (Döbbantó) programme
- Occupational health aptitude test: required

Further information:

| VOCATIONAL PRACTICAL SUBJECT | HOURS |
|---|----------|
| Welding fundamentals (Welding basics) | 12 hour |
| Welding fundamentals (Welding of materials) | 12 hour |
| Welding fundamentals (Shielded manual metal arc welding) | 12 hour |
| Welding fundamentals (Gas metal arc welding) | 12 hour |
| Welding fundamentals (Flame welding) | 12 hour |
| Welding fundamentals (Cutting) | 12 hour |
| Welding fundamentals (Gas tungsten arc welding) | 12 hour |
| Welding fundamentals (Other welding processes) | 12 hour |
| Building engineering foundation II (Materials science, materials testing) | 12 hour |
| Building engineering foundation II (Metalworking) | 12 hour |
| Building engineering foundation II (Plastics, polymers) | 12 hour |
| Sewerage II (Anti-clogging) | 12 hour |
| | |
| VOCATIONAL THEORETICAL SUBJECT | HOURS |
| Building engineering foundation II (Materials science, materials testing) | 12 hour |
| Building engineering foundation II (Metalworking) | 12 hour |
| Building engineering foundation II (Plastics, polymers) | 12 hour |
| Sewerage II (Anti-clogging) | 12 hour |
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| Continuous field practice | 160 hour |
| | |
| Altogether | 352 hour |

Link to the Programme and Outcome Requirements and the Programme Curriculum: <https://ikk.hu>
 The present certificate supplement was elaborated in compliance with Government Decree 12/2020 (II. 7.) on the implementation of the Act on Vocational Education and Training.

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

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| Head of Examination Organiser: Issue date: 2024.04.22 | SEAL |
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