

**1. TITLE OF THE PROFESSION**

5 0712 14 02 Környezetvédelmi technikus (Környezetvédelem szakmairány)

2. TRANSLATED TITLE OF THE PROFESSION

Environmental protection technician (Environmental protection specialisation)
(THIS TRANSLATION HAS NO LEGAL STATUS)

3. PROFILE OF SKILLS AND COMPETENCES

- carry out practical environmental measurements, in particular in laboratories and at external sites, on the basis of specific measurement tasks;
- take samples of environmental elements (water, soil, air), waste and biological materials to be tested, according to the purpose of the test;
- prepare and preserve samples, then carry out direct and indirect measurements and determinations;
- carry out identification procedures on microbiological samples;
- draw conclusions about the state of environmental elements on the basis of the results of quantitative and qualitative measurements, analyse the results, explain them in writing and present them orally;
- ensure that measurements and related activities are carried out in accordance with the rules on health and safety at work, accident prevention and environmental protection, including sterile working conditions, and with the requirements of the standard.

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

3134 Environmental protection technician
3115 Chemical engineering technician

(*) 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 has 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: 5</p> <p>EQF level: 5</p> <p>Digital Competence Framework level: 6</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: 10%, Vocational examination: 90%</p>																		
<p>Certificate number: CXK A</p> <p>Serial number: 123456</p> <p>Certificate issue date: 2023.12.07</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</td> </tr> <tr> <td colspan="2">central interactive</td> </tr> <tr> <td style="width: 80%;">Environmental protection technician basics</td> <td style="text-align: center;">5</td> </tr> <tr> <td colspan="2">project exercise</td> </tr> <tr> <td>Environmental testing, instrumental analytical and biological testing and presentation of the professional portfolio</td> <td style="text-align: center;">5</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <td>Result of the vocational examination in percentage</td> <td style="text-align: center;">100%</td> </tr> <tr> <td>Result of the vocational examination with grades</td> <td style="text-align: center;">5</td> </tr> </table>	Sectoral basic examination : The examination was passed based on recognised prior learning		Vocational examination		central interactive		Environmental protection technician basics	5	project exercise		Environmental testing, instrumental analytical and biological testing and presentation of the professional portfolio	5			Result of the vocational examination in percentage	100%	Result of the vocational examination with grades	5
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<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, Act LXXX of 2019 on Vocational Education and Training.</p>																			

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE SUPPLEMENT

Description of the sectoral basic training and the theoretical and practical vocational training	Distribution of the total number of hours of the programme
Total duration of the education/training	2050 hours

Entry requirements:

- Educational prerequisite: primary education
- Occupational health aptitude test: required

Further information:

VOCATIONAL PRACTICAL SUBJECT	HOURS
Scientific testing	12 hour
Basic technical knowledge	12 hour
Fundamentals of environmental protection I	12 hour
Basics of environmental technology I	12 hour
Basics of hydrology	12 hour
Basics of hydrology	12 hour
Basics of geodesy I	12 hour
Fundamentals of environmental protection II	12 hour
Basics of environmental technology II	12 hour
Basics of hydrology	12 hour
Basics of geodesy II	12 hour
Knowledge of materials	12 hour
Environmental protection technologies	12 hour
Legal and administrative knowledge	12 hour
Analytics	12 hour
Environmental measurements	12 hour
Biological testing	12 hour
Environmental analytics	12 hour
Instrumental analytics	12 hour
VOCATIONAL THEORETICAL SUBJECT	HOURS
Vocational knowledge	12 hour
Vocational foreign language knowledge	12 hour
Basic technical knowledge	12 hour
Fundamentals of environmental protection I	12 hour
Basics of environmental technology I	12 hour
Basics of hydrology	12 hour
Basics of hydrology	12 hour
Fundamentals of environmental protection II	12 hour
Basics of environmental technology II	12 hour
Basics of hydrology	12 hour
Knowledge of materials	12 hour
Environmental protection technologies	12 hour
Legal and administrative knowledge	12 hour
Environmental measurements	12 hour
Continuous field practice	160 hour
Altogether	556 hour

Link to the Training and Outcome Requirements and the Programme Plans: <https://ikk.hu>

The present diploma 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>

Head of Examination Organiser:
Issue date: 2023.12.07

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