

**1. TITLE OF THE PROFESSION**

5 0712 14 02 Környezetvédelmi technikus (Természetvédelem szakmairány)

2. TRANSLATED TITLE OF THE PROFESSIONEnvironmental protection technician (Nature conservation specialisation)
(THIS TRANSLATION HAS NO LEGAL STATUS)**3. PROFILE OF SKILLS AND COMPETENCES**

- monitor and study protected biocoenoses, species or their populations for conservation purposes while collecting data in the field and mapping the natural values;
- process the samples collected and carry out the related administrative tasks;
- identify habitats whose spatial location can be recorded using geographic information systems (GIS);
- manage the conservation of protected natural values and areas, and as part of it, control invasive species;
- manage and take care of botanical gardens properly;
- take care of animals that are held in captivity or are injured;
- continuously extend their knowledge and perform their work within the legal framework;
- carry out habitat management and rehabilitation tasks in the habitats of natural values;
- coordinate nature conservation management and rehabilitation activities with water management, fish and game management organisations, forest holdings and authorities, municipalities and NGOs;
- carry out air, water, soil, waste, environmental noise and vibration exposure as well as biological tests and measurements;
- put forward suggestions, project ideas for drawing up professional plans and preparing tender documents for environmental protection and nature conservation activities, break down project ideas into activities, provide data and manage the data related to the tenders;
- search for legal norms in possession of basic legal knowledge;
- engage in waste management, sewage disposal, soil and air quality management activities;
- prepare free-hand sketches and technical drawings, read and interpret technical drawings at user level.

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

3134 Environmental protection technician
3623 Materials manager, purchasing agent
3115 Chemical engineering technician
3132 Forestry and environmental protection 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 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: 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>Carrying out environmental tests and presenting the professional portfolio</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 | | central interactive | | Environmental protection technician basics | 5 | project exercise | | Carrying out environmental tests and presenting the professional portfolio | 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 | | | | | | | | | | | | | | | | | | | | | |
| central interactive | | | | | | | | | | | | | | | | | | | | | |
| Environmental protection technician basics | 5 | | | | | | | | | | | | | | | | | | | | |
| project exercise | | | | | | | | | | | | | | | | | | | | | |
| Carrying out environmental tests and presenting the professional portfolio | 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, Act LXXX of 2019 on Vocational Education and Training.</p> | | | | | | | | | | | | | | | | | | | | | |

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE SUPPLEMENT

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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 |
| | |
| Total duration of the education/training | 2050 hours |

Entry requirements:

- Educational prerequisite: elementary school qualification
- Occupational aptitude test shall be passed

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 |
| Nature conservation knowledge | 12 hour |
| Nature conservation management | 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 |
| Nature conservation knowledge | 12 hour |
| Nature conservation management | 12 hour |
| Continuous field practice | 160 hour |
| Altogether | 544 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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