



1. TITLE OF THE PROFESSION

5 0732 06 09 Magasépítő technikus

2. TRANSLATED TITLE OF THE PROFESSION

Structural engineering technician
(THIS TRANSLATION HAS NO LEGAL STATUS)

3. PROFILE OF SKILLS AND COMPETENCES

- design, either independently or under the direction of an engineer, buildings and other structures, carry out technical tasks related to the construction, renovation, alteration, maintenance and repair of such buildings and structures;
- gain some insight into the design steps and perform sub-tasks related to them;
- coordinate professional contacts;
- coordinate and organise workflows, manage staff;
- carry out documentation tasks relating to construction works.

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

3117 Architecture and construction engineering technician
3213 Construction supervisor
1313 Construction manager
3136 Draughtsperson
3139 Other technician not elsewhere classified

(*) 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.

©European Union, 2002-2020 | europass.cedefop.europa.eu ©

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: 5</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>Structural engineering technician interactive examination exercise</td> <td style="text-align: center;">5</td> </tr> <tr> <td colspan="2">project exercise</td> </tr> <tr> <td>Structural engineering technician project task</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 | | Structural engineering technician interactive examination exercise | 5 | project exercise | | Structural engineering technician project task | 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 | | | | | | | | | | | | | | | | | | | | | |
| Structural engineering technician interactive examination exercise | 5 | | | | | | | | | | | | | | | | | | | | |
| project exercise | | | | | | | | | | | | | | | | | | | | | |
| Structural engineering technician project task | 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>Higher education</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 | 2153 hours |

Entry requirements:

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

Further information:

| VOCATIONAL PRACTICAL SUBJECT | HOURS |
|--|----------|
| Basics of construction work | 12 hour |
| Basics of construction drawings | 12 hour |
| Basics of professional information technology | 12 hour |
| Construction management knowledge | 12 hour |
| Construction work execution knowledge | 12 hour |
| Geodesy and geodetic markers | 12 hour |
| Construction materials | 12 hour |
| Professional information technology | 12 hour |
| Structural engineering – construction management knowledge | 12 hour |
| Structural engineering – construction execution knowledge | 12 hour |
| Structural engineering – professional information technology | 12 hour |
| | |
| VOCATIONAL THEORETICAL SUBJECT | HOURS |
| Vocational knowledge | 12 hour |
| Vocational foreign language knowledge | 12 hour |
| Basics of the construction industry | 12 hour |
| Labour safety and environmental protection | 12 hour |
| Descriptive geometry | 12 hour |
| Basics of construction | 12 hour |
| Construction | 12 hour |
| Supporting structures | 12 hour |
| Construction management knowledge | 12 hour |
| Geodesy and geodetic markers | 12 hour |
| Construction materials | 12 hour |
| Structural engineering | 12 hour |
| Structural engineering supporting structures | 12 hour |
| Structural engineering – construction management knowledge | 12 hour |
| History of architecture and protection of monuments | 12 hour |
| Structural engineering – vocational foreign language | 12 hour |
| | |
| Continuous field practice | 160 hour |
| | |
| Altogether | 484 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

SEAL