

**1. TITLE OF THE PROFESSION**

5 0724 01 01 Bányaiipari technikus

2. TRANSLATED TITLE OF THE PROFESSIONMining industry technician
(THIS TRANSLATION HAS NO LEGAL STATUS)**3. PROFILE OF SKILLS AND COMPETENCES**

- carry out the operation, production management and maintenance of deep and open-cast coal, ore and mineral mines;
- operate continuous miner, conveying, loading and servicing equipment, and carry out machine inspection, handling, maintenance and technological tasks related to the operation of the equipment;
- make work organisation arrangements in unanticipated cases;
- administer first aid, take environmental measures;
- organise work, identify and provide the resources necessary for production;
- organise, manage and control the work of the assigned staff.

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE3111 Mining technician
3211 Mining supervisor**(*) 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

<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: 20%, Vocational examination: 80%</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%;">Knowledge of mining machines and equipment</td> <td style="text-align: center;">5</td> </tr> <tr> <td colspan="2">project exercise</td> </tr> <tr> <td>Preparation and defence of the portfolio, installation activities</td> <td style="text-align: center;">5</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		Knowledge of mining machines and equipment	5	project exercise		Preparation and defence of the portfolio, installation activities	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	2152 hours
<p>Entry requirements:</p> <ul style="list-style-type: none"> - Educational prerequisite: elementary school qualification - Occupational health aptitude test: required <p>Further information:</p>	
VOCATIONAL PRACTICAL SUBJECT	HOURS
Basic electrical knowledge	12 hour
Basic mechanical engineering knowledge	12 hour
Mining basics	12 hour
Geology basics	12 hour
Knowledge of materials and tools	12 hour
Open-cast mining	12 hour
Deep mining	12 hour
Mechanics basics	12 hour
Mining equipment	12 hour
Mining equipment operation	12 hour
High-performance equipment	12 hour
Operation of high-performance equipment	12 hour
Servicing	12 hour
Mining production	12 hour
Mine operations	12 hour
Industrial engineering	12 hour
Labour safety policies	12 hour
Security technology	12 hour
VOCATIONAL THEORETICAL SUBJECT	HOURS
Vocational knowledge	12 hour
Vocational foreign language knowledge	12 hour
Basic electrical knowledge	12 hour
Basic mechanical engineering knowledge	12 hour
Mining basics	12 hour
Geology basics	12 hour
Knowledge of materials and tools	12 hour
Open-cast mining	12 hour
Deep mining	12 hour
Mechanics basics	12 hour
Mining equipment	12 hour
Mining equipment operation	12 hour
High-performance equipment	12 hour
Operation of high-performance equipment	12 hour
Servicing	12 hour
Mining production	12 hour
Mine operations	12 hour
Industrial engineering	12 hour
Labour safety policies	12 hour
Security technology	12 hour
Continuous field practice	160 hour
Altogether	616 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:
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