

**1. TITLE OF THE CERTIFICATE (HU)**

54-544-01 Bányaiipari technikus

**2. TRANSLATED TITLE OF THE CERTIFICATE (EN)**Mining engineering technician  
(THIS TRANSLATION HAS NO LEGAL STATUS)**3. PROFILE OF SKILLS AND COMPETENCES****A typical holder of the certificate is able to:**

- Comply with and have others comply with the work, accident and fire protection and other instructions related to the profession and the assembly/repair technology;
- Ensure the availability of first aid and fire extinguishing tools and equipment and be able to provide first aid;
- Apply the standard symbols indicated in the technical documents;
- Check the operating environment of machines, equipment and other technical tools and make sure about the safety thereof;
- Perform minor and average repair operations;
- Perform the daily maintenance tasks;
- Take care of mitigating the effects of generated poisonous gases;
- Develop the work area and the working environment;
- Determine and ensure the required workforce and tools/resources;
- Supervise and control the use of mining and mine electrical equipment, coal winning and excavating machines, loaders, etc.;
- Plan the production, machine operation and maintenance work of machine operators;
- Have excavation work performed, coal winning machines operated and safety structures and equipment operated.

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

3111 Mining technician

**(\*) Explanatory notes:**

This document is designed to provide additional information about the specified certificate and does not serve as a legal certificate of vocational qualification. The format of the description is based on the following documents:

Council Resolution 93/C 49/01 of 3 December 1992 on the transparency of qualifications; Council Resolution 96/C 224/04 of 15 July 1996 on the transparency of vocational training certificates, and Recommendation 2001/613/EC of the European Parliament and of the Council of 10 July 2001 on mobility within the Community for students, persons undergoing training, volunteers, teachers and trainers.

More information on transparency is available at: <http://europass.cedefop.europa.eu/>

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## 5. OFFICIAL BASIS OF THE CERTIFICATE

<p><b>Name and status of the institute issuing the certificate</b></p>	<p><b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b></p> <p>Ministry for National Economy</p>																				
<p><b>Level of the certificate (national or international)</b></p> <p><b>Level of vocational qualification according to the National Qualification Register:</b> 54 advanced vocational qualifications, which require the completion of the secondary school leaving exam and may be obtained primarily in formal education</p> <p><b>ISCED2011 code:</b> 4</p> <p><b>NQF level:</b></p> <p><b>EQF level:</b></p>	<p><b>Grading scale / Pass requirements</b></p> <p>Five -grade: 5 excellent 4 good 3 satisfactory 2 pass 1 fail</p>																				
<p><b>Certificate number: PT K</b></p> <p>Serial number: 123456</p> <p><b>Certificate issue date: 2021.07.21</b></p>	<p><b>Results achieved at the examination and their proportion expressed in percentage in the complex mark</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Central written examination</td> <td style="width: 50%;">Professional tasks of a mining engineering technician</td> <td style="width: 12.5%; text-align: center;">5</td> <td style="width: 12.5%; text-align: center;">30.00</td> </tr> <tr> <td>Oral examination</td> <td>Sub-surface mining work processes and technologies</td> <td style="text-align: center;">5</td> <td style="text-align: center;">30.00</td> </tr> <tr> <td>Practical examination</td> <td>Sub-surface mining</td> <td style="text-align: center;">5</td> <td style="text-align: center;">20.00</td> </tr> <tr> <td>Practical examination</td> <td>Management and supervision of mining</td> <td style="text-align: center;">5</td> <td style="text-align: center;">20.00</td> </tr> <tr> <td colspan="2">Result achieved at the complex vocational examination, expressed in grades.</td> <td style="text-align: center;">5</td> <td></td> </tr> </table>	Central written examination	Professional tasks of a mining engineering technician	5	30.00	Oral examination	Sub-surface mining work processes and technologies	5	30.00	Practical examination	Sub-surface mining	5	20.00	Practical examination	Management and supervision of mining	5	20.00	Result achieved at the complex vocational examination, expressed in grades.		5	
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<p><b>Access to next level of education/training</b></p> <p>Advancement to higher education</p>	<p><b>International agreements</b></p>																				
<p><b>Other information concerning the vocational training process</b></p>																					
<p><b>Legal basis</b></p> <p>Act CLXXXVII of 2011 on Vocational Training Professional and examination requirements specified in Decree No. 12/2013 (28 March) of the Ministry for National Economy.</p>																					

## 6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Description of vocational education and training received	Percentage of total programme %	Duration (hours/weeks/months/years)
School-/training centre-based	Theory: 60 % Practice: 40 %	
Workplace-based		
Accredited prior learning		
Total duration of the education/training leading to the certificate		2 years

**Entry requirements:**

- Secondary school final exam

**Vocational requirement modules:**

- 10196-12 The basics of mining
- 10194-12 Operation of mining machines
- 10198-12 Logistics, maintenance
- 10199-12 Production tasks
- 10195-12 Tasks of a mining engineering technician
- 10197-12 Mine operation, control
- 11500-12 Occupational health and safety
- 11498-12 Employment I (for courses based on secondary school-leaving examination)

This certificate supplement was prepared on the basis of the instruction for filling in the Certificate Supplement published on the homepages of the National Reference Point and the National Europass Centre.

**National Reference Point – NSZFH – <http://nrk.nive.hu>**

Head of Examination Organiser:

Issue date: 2021.07.21

**SEAL**