



1. TITLE OF THE PROFESSION

4 0724 01 04 Fluidumkitermelő

2. TRANSLATED TITLE OF THE PROFESSION

Fluid extractors

(THIS TRANSLATION HAS NO LEGAL STATUS)

3. PROFILE OF SKILLS AND COMPETENCES

- Apply work, environmental, health and safety, fire and security rules/regulations during fluid mining activities;
- Apply legal, authority and other specific requirements for fluid mining;
- Carry out basic repair and maintenance work on fluid mining systems;
- Safely operate equipment, machinery and tools used in deep drilling, completion and core drilling activities;
- Operate and maintain in-field and out-of-field wells;
- Take instrumental measurements on different types of wells. Safely operate the well reparation equipment and its components;
- Operate and maintain surface technology systems for the collection, handling, storage and transport of fluids;
- Operate and maintain the technical-mechanical units necessary for underground gas storage;
- Carry out the liquidation of the wells after the cessation of mining activities.

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

3111 Mining 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

| | | | | | | | | | | | | | | | | | |
|---|---|----------------------------|--|---|---|-------------------------|--|-----------------------------------|---|--|--|--|------|--|--|--|---|
| <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: 4</p> <p>EQF level: 4</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: 20%, Vocational examination: 80%</p> | | | | | | | | | | | | | | | | |
| <p>Certificate number: CXK A</p> <p>Serial number: 123456</p> <p>Certificate issue date: 2024.09.23</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> <p>Sectoral basic examination : The examination was passed based on recognised prior learning</p> <p>Vocational examination</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">central interactive</td> </tr> <tr> <td>Vocational knowledge for fluid extractors</td> <td style="text-align: center;">5</td> </tr> <tr> <td colspan="2">project exercise</td> </tr> <tr> <td>Project task for fluid extractors</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> | central interactive | | Vocational knowledge for fluid extractors | 5 | project exercise | | Project task for fluid extractors | 5 | Result of the vocational examination in percentage | | | 100% | Result of the vocational examination with grades | | | 5 |
| central interactive | | | | | | | | | | | | | | | | | |
| Vocational knowledge for fluid extractors | 5 | | | | | | | | | | | | | | | | |
| project exercise | | | | | | | | | | | | | | | | | |
| Project task for fluid extractors | 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>The prerequisite for starting the professional examination is the preparation of the portfolio</p> | | | | | | | | | | | | | | | | | |
| <p>Legal basis</p> <p>Government Decree 12/2020 (II. 7.) on the Implementation of the Vocational Education and Training Act, Government Decree 95/2021 (II. 27.) on the Amendment of Certain Government Decrees Relating to Vocational Education and Training and Adult Training, Act LXXX of 2019 on Vocational Education and Training, Government Decree 292/2023 (VII. 6.) on the amendments to government decrees due to the ex-post impact assessment of the transformation in vocational education and training.</p> | | | | | | | | | | | | | | | | | |

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

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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 | 2117 hours |

Entry requirements:

- Educational prerequisite: primary education
- Occupational health aptitude test: required
- Aptitude test before starting the specialised training: required

Further information:

| VOCATIONAL PRACTICAL SUBJECT | HOURS |
|---|---------|
| Basic electrical knowledge | 12 hour |
| Basic mechanical engineering knowledge | 12 hour |
| Deep drilling technologies | 12 hour |
| Production technologies | 12 hour |
| Health, safety and environmental protection (HS&EP) knowledge | 12 hour |
| Mechanical engineering knowledge | 12 hour |
| Technical drawing | 12 hour |
| Thermodynamics and fluid mechanics | 12 hour |
| Geology | 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 |
| Deep drilling technologies | 12 hour |
| Production technologies | 12 hour |
| Health, safety and environmental protection (HS&EP) knowledge | 12 hour |
| Mechanical engineering knowledge | 12 hour |
| Technical drawing | 12 hour |
| Thermodynamics and fluid mechanics | 12 hour |
| Geology | 12 hour |

Continuous field practice 160 hour

Altogether 400 hour

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

The present certificate 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: 2024.09.23

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