

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

34-521-04 Ipari gépész

**2. TRANSLATED TITLE OF THE CERTIFICATE (EN)**

Industrial mechanic

(THIS TRANSLATION HAS NO LEGAL STATUS)

**3. PROFILE OF SKILLS AND COMPETENCES****A typical holder of the certificate is able to:**

- assemble and install automatic and manual processing machines;
- assemble, repair fluid technology installations (pumps, compressors), avert errors;
- assemble, repair and avert errors of heat engines;
- install machines and equipment on the basis of the manual;
- perform necessary maintenance works on the machines and equipment;
- perform the necessary replacement of parts in the event of breakdown, and perform installation afterwards;
- perform instrumental measurements as necessary, and record their results in writing;
- ensure compliance with standard quality requirements during his or her work;
- select spare parts from catalogues and standards;
- adhere to safety and environmental protection provisions during work and installation;
- perform manual and automatic processing;
- perform cold-working without processing;
- perform soldering and welding;
- perform other metallurgical works;
- perform machine assemblies, set-ups and installations;
- read, understand and prepare technical drawings;
- keep records;
- perform technical measurements, examinations and quality controls.

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

7321 Locksmith

**(\*) 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> 34 secondary vocational qualifications, which are based on elementary school qualifications or the entry competences defined in the professional and examination requirements and may be typically obtained in formal education</p> <p><b>ISCED2011 code:</b> 3</p> <p><b>NQF level:</b> 4</p> <p><b>EQF level:</b> 4</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:</b> PT K</p> <p>Serial number: 123456</p> <p><b>Certificate issue date:</b> 2023.10.02</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: 45%;">Professional knowledge related to locksmithery</td> <td style="width: 10%; text-align: center;">5</td> <td style="width: 20%; text-align: center;">20.00</td> </tr> <tr> <td>Oral examination</td> <td>Knowledge related to machine structures, machine operation, fitting and labour protection</td> <td style="text-align: center;">5</td> <td style="text-align: center;">20.00</td> </tr> <tr> <td>Practical examination</td> <td>Full repair of a machine unit, structural unit</td> <td style="text-align: center;">5</td> <td style="text-align: center;">60.00</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 knowledge related to locksmithery	5	20.00	Oral examination	Knowledge related to machine structures, machine operation, fitting and labour protection	5	20.00	Practical examination	Full repair of a machine unit, structural unit	5	60.00	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>To secondary 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 established by decree no. 4 of 2015 (19 February) of the Minister 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: 30 % Practice: 70 %	
Workplace-based		
Accredited prior learning		
Total duration of the education/training leading to the certificate		3 years

**Entry requirements:**

- Completion of elementary school

**Vocational requirement modules:**

10162-12 Basic tasks in mechanical engineering

11499-12 Employment II.

10163-12 Occupational safety and environmental protection in mechanical engineering

10166-12 Mechanical fitting

10173-12 Methodology of material tests and geometric measurement

10177-12 Tasks related to the assembly of machine parts

10178-12 Operations of industrial mechanics

11497-12 Employment I

11500-12 Occupational health and safety

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: 2023.10.02

**SEAL**