

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

34-521-10 Szerszámkészítő

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

Toolmaker

(THIS TRANSLATION HAS NO LEGAL STATUS)

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

- interpret technical drawings and prepare outline drawings;
- perform, check and document measurements and tests;
- produce parts and components of forming and machining tools and equipment;
- perform heat treatment of tools and equipment;
- apply traditional and modern technologies and operate their machine equipment;
- prepare and assemble tools and equipment from finished components;
- install tools and equipment on the machine, then set up and commission them;
- perform test production;
- perform maintenance and repair of tools and equipment;
- comply with occupational health and safety, fire safety and environmental regulations;
- perform the administration related to the specific field.

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

7322 Toolmaker

**(\*) 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/>

©European Communities 2002 ©

## 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></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: 2023.10.02</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: 20%;">Central written examination</td> <td style="width: 40%;">Toolmaking activity</td> <td style="width: 10%; text-align: center;">5</td> <td style="width: 30%; text-align: center;">15.00</td> </tr> <tr> <td>Oral examination</td> <td>Toolmaking activity</td> <td style="text-align: center;">5</td> <td style="text-align: center;">15.00</td> </tr> <tr> <td>Practical examination</td> <td>Use manual and machine-operated machining to produce parts; compile CNC software and manufacture and the work piece based on the software, test the tool/equipment and identify the reasons for any faults</td> <td style="text-align: center;">5</td> <td style="text-align: center;">70.00</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	Toolmaking activity	5	15.00	Oral examination	Toolmaking activity	5	15.00	Practical examination	Use manual and machine-operated machining to produce parts; compile CNC software and manufacture and the work piece based on the software, test the tool/equipment and identify the reasons for any faults	5	70.00	Result achieved at the complex vocational examination, expressed in grades.		5	
Central written examination	Toolmaking activity	5	15.00														
Oral examination	Toolmaking activity	5	15.00														
Practical examination	Use manual and machine-operated machining to produce parts; compile CNC software and manufacture and the work piece based on the software, test the tool/equipment and identify the reasons for any faults	5	70.00														
Result achieved at the complex vocational examination, expressed in grades.		5															
<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 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: 30 % Practice: 70 %	
Workplace-based		
Accredited prior learning		
Total duration of the education/training leading to the certificate		3 years

### Entry requirements:

- Elementary school qualification.
- Medical fitness examination is required.

### Vocational requirement modules:

10163-12 Occupational safety and environmental protection in mechanical engineering

10162-12 Basic tasks in mechanical engineering

10173-12 Methodology of material tests and geometric measurement

10192-12 Tool and equipment manufacturing

10193-12 Operation and maintenance of tools and equipment

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**