

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

34-521-03 Gépi forgácsoló

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

- perform geometric measurement and analyses;
- study and interpret information on mechanical materials: technical drawings, shop drawings, standards, technical tables, tolerance tables and tables of joints;
- install and adjust clamping, gripping, carrier and fixing devices of the workpiece in accordance with the metal cutting procedures;
- select and establish the tools and turning parameters necessary for machining;
- manufacture, shape and repair components;
- perform planing and slotting operations;
- perform drilling operations;
- carry out turning of components;
- carry out milling of components;
- carry out grinding of components, perform fine surface treatment;
- produce components of simple geometric structure using CNC processing machines;
- perform sharpening of tools;
- comply and ensure compliance with occupational safety, accident prevention, fire and environmental protection regulations;
- carry out quality assurance documentation;
- perform business administration.

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

7323 Metal cutter

(*) 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>Name and status of the institute issuing the certificate</p>	<p>Name and status of the national/regional authority providing accreditation/recognition of the certificate</p> <p>Ministry for National Economy</p>																
<p>Level of the certificate (national or international)</p> <p>Level of vocational qualification according to the National Qualification Register: 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>ISCED2011 code: 3</p> <p>NQF level:</p> <p>EQF level:</p>	<p>Grading scale / Pass requirements</p> <p>Five -grade: 5 excellent 4 good 3 satisfactory 2 pass 1 fail</p>																
<p>Certificate number: PT K</p> <p>Serial number: 123456</p> <p>Certificate issue date: 2023.10.02</p>	<p>Results achieved at the examination and their proportion expressed in percentage in the complex mark</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Central written examination</td> <td style="width: 40%;">The know-how of metal cutting and the basics of CNC processing</td> <td style="width: 10%; text-align: center;">5</td> <td style="width: 30%; text-align: center;">25.00</td> </tr> <tr> <td>Oral examination</td> <td>Technologies and materials of machine-based metal cutting</td> <td style="text-align: center;">5</td> <td style="text-align: center;">20.00</td> </tr> <tr> <td>Practical examination</td> <td>Processing of components of complex geometric structure using traditional machine-based metal cutting procedures</td> <td style="text-align: center;">5</td> <td style="text-align: center;">55.00</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	The know-how of metal cutting and the basics of CNC processing	5	25.00	Oral examination	Technologies and materials of machine-based metal cutting	5	20.00	Practical examination	Processing of components of complex geometric structure using traditional machine-based metal cutting procedures	5	55.00	Result achieved at the complex vocational examination, expressed in grades.		5	
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<p>Access to next level of education/training</p> <p>to secondary education</p>	<p>International agreements</p>																
<p>Other information concerning the vocational training process</p>																	
<p>Legal basis</p> <p>Act CLXXXVII of 2011 on Vocational Training Decree 27/2012 (27 August) of the Minister for National Economy on the professional and examination requirements of vocational qualifications falling within the competence 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:

- elementary level school education

Vocational requirement modules:

- 10162-12 Basic tasks in mechanical engineering
- 10163-12 Occupational safety and environmental protection in mechanical engineering
- 10173-12 Methodology of material tests and geometric measurement
- 10174-12 Turning operations
- 10176-12 Milling operations
- 10175-12 Grinding operations

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