

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

54-521-03 Gépgyártástechnológiai technikus

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

Machine manufacturing technological technician  
(THIS TRANSLATION HAS NO LEGAL STATUS)

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

- perform technical and quality-related planning, management and control of the manufacturing, use, maintenance and repair of machinery, mechanical equipment and components; ensure the performance and operation required by regulations;
- carry out preliminary planning of the production and assembly costs and the material and workforce need of the machinery and mechanical equipment;
- manage the arrangement and insertion of available equipment into the system, put new equipment into operation, adjust machinery before product or shift changes;
- eliminate and examine breakdowns and quality problems;
- ensure the uninterrupted supply of raw materials and maintain the conditions of the manufacturing activity;
- monitor the manufacturing of new products, indicate and eliminate initial problems (design flaws, technological and documentation deficiencies, etc.);
- carry out activities related to the research and development of machinery and mechanical equipment, facilities and components and to the testing of prototypes;
- assemble, install and repair on site new and modified mechanical equipment, components, machine tools, control systems and pneumatic and hydraulic propulsion systems;
- ensure the compliance of the mechanical design and the completed work with the technical description, regulations and contractual terms and conditions.

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

3116 Mechanical engineering 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: 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: 25%;">Central written examination</td> <td style="width: 45%;">Production planning and plant management</td> <td style="width: 10%; text-align: center;">5</td> <td style="width: 20%; text-align: center;">30.00</td> </tr> <tr> <td>Oral examination</td> <td>Tasks of a machine manufacturing technological technician</td> <td style="text-align: center;">5</td> <td style="text-align: center;">20.00</td> </tr> <tr> <td>Practical examination</td> <td>Production procedures</td> <td style="text-align: center;">5</td> <td style="text-align: center;">50.00</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	Production planning and plant management	5	30.00	Oral examination	Tasks of a machine manufacturing technological technician	5	20.00	Practical examination	Production procedures	5	50.00	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 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: 50 % Practice: 50 %	
Workplace-based		
Accredited prior learning		
Total duration of the education/training leading to the certificate		2 years

**Entry requirements:**

- Secondary school-leaving examination

**Vocational requirement modules:**

- 10162-12 Basic tasks in mechanical engineering
- 10163-12 Occupational safety and environmental protection in mechanical engineering
- 10172-12 Test room activities
- 10169-12 Cutting technology using traditional and CNC machine tools
- 10170-12 Production planning and management
- 10171-12 Maintenance and plant management
- 11498-12 Employment I (for courses based on secondary school-leaving examination)
- 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**