

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

52 5443 02 ANYAGMOZGATÓ ÉPÍTŐGÉPÉSZ-TECHNIKUS

**2. TRANSLATED TITLE OF THE CERTIFICATE (EN)**MACHINE TECHNICIAN SPECIALISED IN CONSTRUCTION INDUSTRY MATERIALS HANDLING  
(THIS TRANSLATION HAS NO LEGAL STATUS)**3. PROFILE OF SKILLS AND COMPETENCES****A typical holder of the certificate is able to:**

- use transport, hoisting, loading machines and equipment used in processes of material handling;
- adjust, assemble and repair machines and equipment used for warehousing and storing of lump and bulk materials;
- assemble and repair machines used in mortar and concrete plants as well assemble and repair other machines widely used in the construction industry;
- apply relevant technical, economic and legal regulations concerning various construction methods and the technological processes thereof;
- apply technical and financial principles and regulations in calculations and budgeting as well as in the settlement of accounts related to the construction of buildings;
- plan and establish proper and quantitative demands of economical use of machines and mechanic equipment as suited to the given technological processes of various construction methods and produce related cost calculations;
- manage sharing of tasks, organisation of tasks in the workshop as well as the professional guidance and supervision of operators of various machines and mechanical equipment;
- based on related surveys of construction processes, produce financial settlement related documents.

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

3117 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																			
<b>Name and status of the institute issuing the certificate</b>	<b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b>  In the case of vocational qualifications belonging to the competence of the Ministry of Education (ME), a vocational qualification-related independent professional committee commissioned by the ME																		
<b>Level of the certificate (national or international)</b>  <b>Level of vocational qualification according to the National Qualification Register:</b> 52 Intermediate vocational qualification entitling the holder to fill positions requiring physical or intellectual work, which is based on the input competence determined in the vocational and examination requirements, on preliminary vocational qualification or on the baccalaureate.  <b>ISCED97 code:</b> 4CV	<b>Grading scale / Pass requirements</b>  Five -grade:      5      excellent 4      good 3      satisfactory 2      pass 1      fail  Vocational qualification examination after the completion of vocational training Parts of the examination:   - Vocational theory - Vocational practice  A successful vocational qualification examination requires a pass grade both in vocational theory and practice.																		
<b>Certificate number:</b>  PT K  <b>Serial number:</b> 123456  <b>Certificate issue date:</b> 2023.09.14	<b>Description of vocational theoretical and practical subjects and their grades according to the five-grade scale</b> <b>1. Grades of vocational theoretical examination subjects</b> <table border="1"> <tr> <td colspan="2">Topics/subjects of written examination</td> </tr> <tr> <td>Vocational Theory</td> <td>5</td> </tr> <tr> <td>Grade of Written Examination</td> <td>5</td> </tr> <tr> <td colspan="2">Topics/subjects of oral examination</td> </tr> <tr> <td>Materials Handling and Construction Machines</td> <td>5</td> </tr> <tr> <td>Grade of Vocational Theory</td> <td>5</td> </tr> </table> <b>2. Assessment of vocational practical preparedness</b> <table border="1"> <tr> <td colspan="2">Subjects of practical examination</td> </tr> <tr> <td>Practical Examination (Dismantling and Assembly of a Subassembly, Detection and Testing of Failure, Planning the Refurbishment Technology of a Machine Part, Jointing Using Manual Fitting Methods During Assembly)</td> <td>5</td> </tr> <tr> <td>Grade of Vocational Practice</td> <td>5</td> </tr> </table>	Topics/subjects of written examination		Vocational Theory	5	Grade of Written Examination	5	Topics/subjects of oral examination		Materials Handling and Construction Machines	5	Grade of Vocational Theory	5	Subjects of practical examination		Practical Examination (Dismantling and Assembly of a Subassembly, Detection and Testing of Failure, Planning the Refurbishment Technology of a Machine Part, Jointing Using Manual Fitting Methods During Assembly)	5	Grade of Vocational Practice	5
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Grade of Vocational Practice	5																		
<b>Access to next level of education/training</b>  To higher education	<b>International agreements</b>																		
<b>Other information concerning the vocational training process</b>																			
<b>Legal basis</b>  Act LXXVI of 1993 on vocational training, Decree 27/2001 (VII. 27.) OM of the Minister of Education on the amendment of Decree 7/1993 (XII. 30.) MüM of the Minister of Labour on the National Qualifications Register, Decree 26/2001 (VII. 27.) OM of the Minister of Education on the general rules and rules of procedure of vocational examinations, Central programme approved by the Minister of Labour (MüM) under approval number 4764/97. III. 23.																			

## 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: 70 % Practice: 30 %	
Workplace-based		
Accredited prior learning		
Total duration of the education/training leading to the certificate		2 years

### Entry requirements:

- baccalaureate
- passing the aptitude test

### Further information:

#### MANDATORY VOCATIONAL THEORETICAL SUBJECTS

Occupational safety and environmental protection	37 hours
Labour Law, Enterprises and Management	3 hours
Descriptive Geometry	74 hours
Basic Mechanical Drawing	56 hours
Initial Education in CAD	37 hours
Industrial Materials and Prefabricated Products	111 hours
Technical Mechanics	148 hours
Machine Elements	148 hours
Electrical machines	37 hours
Control technology	37 hours
Quality Assurance	37 hours
Manufacturing Processes	105 hours
Machinery	70 hours
Materials Handling Machines	105 hours
Construction Machines	105 hours
Operation, Repair and Maintenance of Materials Handling Machines	70 hours
Electric Equipment of Building and Materials Handling Machines	105 hours
Storing	35 hours
Designing Materials Handling Machines	105 hours

#### MANDATORY VOCATIONAL PRACTICAL SUBJECTS

Basic Measurements	111 hours
Instruments and Measurements	70 hours
Basic Practice in the Field of Metallurgy	95 hours
Workshop Training	513 hours

### Further information (including the description of the national grading method):

The basis of the grading system is a list of vocational and examination requirements compiled in accordance with uniform criteria and structure, issued in the form of legal regulation that includes the following:

- identification number and description of the vocational qualification as specified in OKJ and the relevant FEOR number,
- school and vocational prequalification required for the start of the training, aptitude and vocational competence requirements and prescribed practice,
- the most typical occupation or activity accessible to the holder of the vocational qualification certificate, the short job description, and the list of related vocational qualifications,
- the duration of the training required for the vocational qualification; maximum number of hours; the ratio of theoretical and practical training; the number of vocational training classes in the vocational training school; the duration of initial training period; the possibility of organising a grade examination assessing the efficiency of practical training,
- occupational requirements of vocational qualification,
- requirements pertaining to vocational examination.

The vocational and examination requirements will be classified by the occupational group committees of the National Qualification Register (OKJ) and by the National Council for Vocational Training, and subsequently they will be issued in the form of legal regulations.

Vocational and examination requirements are available at: <http://www.nive.hu>

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: 2023.09.14

**SEAL**