

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

53 5449 01 ANYAGMOZGATÓ GÉPÉSZETI TECHNIKUS

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

- assemble, repair and maintain loading machines and their auxiliary equipment;
- check the machine, detect and localise location and extent of failure;
- plan working methods of repair and maintenance work as well as the sequence of assembly;
- dismantle the machine and structural units, replace or repair defected parts, and finally assemble structural units or machine;
- assemble, repair and replace gears, shafts, bearings, chain and belt drives during repair work of machine units;
- perform trial runs of machines and structural units after dismounting, assembly or repair;
- perform all necessary operational, structural and accuracy tests as well as draw minutes on the results of such tests;
- applying suitable technologies, machine certain parts manually or by using machines while performing repairs as well as perform necessary related jointing jobs;
- set machines in line with specified technological instructions;
- professionally support, supervise and train operators to perform right operations;
- perform regular preventive maintenance of loading machines;
- direct the activity of assistant personnel during assembly work;
- design certain parts of loading machines and perform stress analysis checks thereof;
- select standard elements suitable for assembling equipment;
- select machines necessary for the given transport or loading task;
- plan transportation processes with up-to-date logistics principles in mind.

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

3122 Materials handling mechanical 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>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>Level of the certificate (national or international) Level of vocational qualification according to the National Qualification Register:</p> <p>ISCED97 code: 4CV</p>	<p>Grading scale / Pass requirements</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Five -grade:</td> <td style="width: 10%; text-align: center;">5</td> <td style="width: 75%;">excellent</td> </tr> <tr> <td></td> <td style="text-align: center;">4</td> <td>good</td> </tr> <tr> <td></td> <td style="text-align: center;">3</td> <td>satisfactory</td> </tr> <tr> <td></td> <td style="text-align: center;">2</td> <td>pass</td> </tr> <tr> <td></td> <td style="text-align: center;">1</td> <td>fail</td> </tr> </table> <p>Vocational qualification examination after the completion of vocational training Parts of the examination: - Vocational theory - Vocational practice</p> <p>A successful vocational qualification examination requires a pass grade both in vocational theory and practice.</p>	Five -grade:	5	excellent		4	good		3	satisfactory		2	pass		1	fail							
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<p>Certificate number: PT K</p> <p>Serial number: 123456</p> <p>Certificate issue date: 2015.01.15</p>	<p>Description of vocational theoretical and practical subjects and their grades according to the five-grade scale</p> <p>1. Grades of vocational theoretical examination subjects</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Topics/subjects of written examination</td> </tr> <tr> <td style="width: 85%;">Vocational studies</td> <td style="width: 15%; text-align: center;">5</td> </tr> <tr> <td>Work planning</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Grade of Written Examination</td> <td style="text-align: center;">5</td> </tr> <tr> <td colspan="2">Topics/subjects of oral examination</td> </tr> <tr> <td>Vocational studies</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Financial, Managerial and Workplace Environment</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Grade of Vocational Theory</td> <td style="text-align: center;">5</td> </tr> </table> <p>2. Assessment of vocational practical preparedness</p> <p>Subjects of practical examination</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 85%;">Final exam project</td> <td style="width: 15%; text-align: center;">5</td> </tr> <tr> <td>Material Tests and Examinations</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Grade of Vocational Practice</td> <td style="text-align: center;">5</td> </tr> </table>	Topics/subjects of written examination		Vocational studies	5	Work planning	5	Grade of Written Examination	5	Topics/subjects of oral examination		Vocational studies	5	Financial, Managerial and Workplace Environment	5	Grade of Vocational Theory	5	Final exam project	5	Material Tests and Examinations	5	Grade of Vocational Practice	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 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 Qualification Register, Decree no. 26/2001. (VI.27.) OM of the Minister of Education on the general rules and rules of procedure of vocational examinations, Decree 32/1995. (XII.30.) of the Ministry of Transport, Communications and Water Management (KHVM), Act LXXVI of 1993 on Vocational Training, Central programme approved by the Minister of Labour (MüM) under approval number 1856/97. III. 23.</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: 67 % Practice: 33 %	
Workplace-based		
Accredited prior learning		
Total duration of the education/training leading to the certificate		1 year

Entry requirements:

- Completed secondary education (baccalaureate)
- Material handling machine fitter (OKJ No.: 51 5449 01, 52 5249 01)

Further information:

MANDATORY VOCATIONAL THEORETICAL SUBJECTS

Foundations of Environmental Management	35 hours
Technical Drawing	70 hours
Applied IT Technology	70 hours
Hydraulics and Pneumatics	70 hours
Electricity of Materials Handling Equipment	70 hours
Operational and Organisational Skills	70 hours
Workplace Environment	105 hours
Control and Control Engineering	70 hours
Design of Structural Elements	70 hours

MANDATORY VOCATIONAL PRACTICAL SUBJECTS

Practical Training for Technicians	280 hours
Practical Training in Technical Measurements	70 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: 2015.01.15

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