

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

55 5423 01 VILLAMOSMÉRNÖK-ASSZISZTENS (SZÁMÍTÁSTECHNIKAI SZAKIRÁNY)

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

- in different fields of economic life, as part of activities not requiring a qualified engineer, manufacture, install, maintain, operate, service and inspect (electronics, communication technology, information technology, electric energetics, instrument technology, automation and computer technology) instruments and equipment;
- select instruments and equipment for a given task and obtain such instruments and equipment with a view to analysing related technical and economic aspects;
- design instruments, equipment and parts as well as arrange for and continuously manage the manufacturing processes of such instruments and equipment as well as supervise the operation of such instruments, equipment and parts;
- professionally operate and maintain equipment, supervise computer monitoring of processes and systems and use professional software during his/her work;
- manage, control and supervise the above work processes, production processes, orders for instruments and materials as well as conditions of safe operation;
- for the promotion of modern professional advancement and the most appropriate solutions, co-operate with educational institutions and research institutes, managers and project partners as well as with specialists of related technological processes;
- move computers and other valuable devices and equipment.

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

3121 Light-current electrical 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>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</p>																																				
<p>Level of the certificate (national or international)</p> <p>Level of vocational qualification according to the National Qualification Register: 55 Higher level vocational qualification based on the baccalaureate.</p> <p>ISCED97 code: 5B</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</p> <p>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 border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">Topics/subjects of written examination</td> </tr> <tr> <td style="width: 85%;">Measurement Engineering</td> <td style="width: 15%; text-align: center;">5</td> </tr> <tr> <td>Automation</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Electronic and Digital Technology</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" style="text-align: center;">Topics/subjects of oral examination</td> </tr> <tr> <td>Measurement techniques</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Electronics, Digital Technology</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Instrument Technology</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Operational systems</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Computer Networks</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Management of IT systems</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> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">Subjects of practical examination</td> </tr> <tr> <td>Measurement techniques</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Electronics</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Digital Engineering</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		Measurement Engineering	5	Automation	5	Electronic and Digital Technology	5	Grade of Written Examination	5	Topics/subjects of oral examination		Measurement techniques	5	Electronics, Digital Technology	5	Instrument Technology	5	Operational systems	5	Computer Networks	5	Management of IT systems	5	Grade of Vocational Theory	5	Subjects of practical examination		Measurement techniques	5	Electronics	5	Digital Engineering	5	Grade of Vocational Practice	5
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<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 11/1998. (XI.6.) of the Minister of Economic Affairs (GM) on vocational and examination requirements of Electrical engineer assistant.</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: 45 % Practice: 55 %	
Workplace-based		
Accredited prior learning		
Total duration of the education/training leading to the certificate		2 years

Entry requirements:

- bacalaureate

Further information:

MANDATORY VOCATIONAL THEORETICAL SUBJECTS

Filled in by the exam organiser.

MANDATORY VOCATIONAL PRACTICAL SUBJECTS

Filled in by the exam organiser.

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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