

1. TITLE OF THE CERTIFICATE (HU)

52 5443 01 ACÉL- ÉS FÉMSZERKEZETI TECHNIKUS

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

STEEL AND METAL STRUCTURES TECHNICIAN

(THIS TRANSLATION HAS NO LEGAL STATUS)

3. PROFILE OF SKILLS AND COMPETENCES

A typical holder of the certificate is able to:

- take part in:
 - = the modernisation of products, machines and equipment,
 - = the design of machine parts, machine units and structures as well as in the adaptation of such plans,
 - = the introduction of new technologies,
 - = the design of the quality assurance system of a given product,
 - = the planning of the economical use of machines, equipment and instruments,
 - = the design and management of the safe operation of machines, equipment and instruments,
 - = failure detection,
 - = the specification of repair technologies,
 - = the operative management of on-the-spot jobs of production and installation;
- continuously check:
 - = compliance with the technological processes,
 - = the technical parameters of materials and indirect materials as well as machines and testing equipment used in the course of operation, production, repair and regular maintenance;
- assure:
 - = compliance with quality assurance related specifications,
 - = that machines, instruments and equipment within his competence are in appropriate condition;
- perform test runs, failure detection and troubleshooting related jobs;
- take part in experimental projects.

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

3129 Other technicians

(*) 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/>

©European Communities 2002©

5. OFFICIAL BASIS OF THE CERTIFICATE

Name and status of the institute issuing the certificate	Name and status of the national/regional authority providing accreditation/recognition of the certificate 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																						
Level of the certificate (national or international) Level of vocational qualification according to the National Qualification Register: 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. ISCED97 code: 4CV	Grading scale / Pass requirements 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.																						
Certificate number: PT K Serial number: 123456 Certificate issue date: 2010.02.04	Description of vocational theoretical and practical subjects and their grades according to the five-grade scale 1. Grades of vocational theoretical examination subjects Topics/subjects of written examination <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Steel and Metal Structures</td> <td style="width: 20%; text-align: center;">5</td> </tr> <tr> <td>Technology of Steel Constructions</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Grade of Written Examination</td> <td style="text-align: center;">5</td> </tr> </table> Topics/subjects of oral examination <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Steel and Metal Structures</td> <td style="width: 20%; text-align: center;">5</td> </tr> <tr> <td>Technology of Steel Constructions</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> 2. Assessment of vocational practical preparedness Subjects of practical examination <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Workshop Practice</td> <td style="width: 20%; text-align: center;">5</td> </tr> <tr> <td>Machining of Materials</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Welding, Assembly Jobs</td> <td style="text-align: center;">5</td> </tr> <tr> <td>Measurement Tests</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>	Steel and Metal Structures	5	Technology of Steel Constructions	5	Grade of Written Examination	5	Steel and Metal Structures	5	Technology of Steel Constructions	5	Grade of Vocational Theory	5	Workshop Practice	5	Machining of Materials	5	Welding, Assembly Jobs	5	Measurement Tests	5	Grade of Vocational Practice	5
Steel and Metal Structures	5																						
Technology of Steel Constructions	5																						
Grade of Written Examination	5																						
Steel and Metal Structures	5																						
Technology of Steel Constructions	5																						
Grade of Vocational Theory	5																						
Workshop Practice	5																						
Machining of Materials	5																						
Welding, Assembly Jobs	5																						
Measurement Tests	5																						
Grade of Vocational Practice	5																						
Access to next level of education/training To higher education	International agreements																						
Other information concerning the vocational training process (accession number of the accredited programme)																							
Legal basis Act. No. LXXVI of 1993 on vocational training, Decree 27/2001. (VII.27.) of the Minister of Education (OM) on the amendment of Decree 7/1993. (XII.30.) of the Minister of Labour (MüM) on the National Qualification Register, Decree 26/2001. (VII.27.) of the Minister of Education (OM) on the general rules and rules of procedure of vocational examinations, Decree 50/1999. (IX.10.) of the Minister of Economic Affairs (GM) on the amendment of Decree 5/1997. (III.5.) of the Minister of Industry, Trade and Tourism (IKIM) on qualifications required for performing specific industrial, commercial and tourism related activities, Decree 46/1997. (IX.5.) of the Minister of Industry, Trade and Tourism (IKIM) on vocational and examination requirements of Steel and metal structures technician, Central programme approved by the Minister of Labour (MüM) under approval number 4790/97. 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

Further information:

MANDATORY VOCATIONAL THEORETICAL SUBJECTS

Occupational safety and environmental protection	100 hours
Labour Law, Enterprises and Management	100 hours
Descriptive Geometry	100 hours
Initial Education in Technical Drawing for Mechanical Engineering	100 hours
Initial Education in CAD	100 hours
Industrial Materials and Prefabricated Products	100 hours
Technical Mechanics	100 hours
Machine Elements	100 hours
Electrical machines	100 hours
Control technology	100 hours
Quality Assurance	100 hours
Technology of Steel and Metal Structures	100 hours
Steel and Metal Structures	100 hours
Machinery	100 hours
Related Architecture	100 hours
Automatics and Related IT	100 hours
Design of Steel and Metal Structures	100 hours

MANDATORY VOCATIONAL PRACTICAL SUBJECTS

Basic Measurements	100 hours
Instruments and Measurements	100 hours
Basic Practice in the Field of Metallurgy	100 hours
Workshop Training	100 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: National Institute of Vocational Education: <http://www.nive.hu/nrk/>

Head of Examination Organiser:

Issue date: 2010.02.04

SEAL