

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

54-582-06 Vasútépítő és -fenntartó technikus

**2. TRANSLATED TITLE OF THE CERTIFICATE (EN)**Railway construction and maintenance technician  
(THIS TRANSLATION HAS NO LEGAL STATUS)**3. PROFILE OF SKILLS AND COMPETENCES****A typical holder of the certificate is able to:**

- carry out quality assurance tasks;
- perform measurement tasks;
- perform checks;
- perform documentation activities;
- implement the environmental protection plan;
- Actively participate in internal and external communication flow;
- Operate bridges;
- manage existing roads;
- participate in in-service training;
- use building materials and equipment or machines of the soil mechanic laboratory, evaluate simple measurement results;
- apply geodetic tools, equipment, set auxiliary marks horizontally and in height, prepare logs of measurement results, evaluate measurement results, apply special software;
- distribute daily work for subordinates, check correct performance, perform technical administration, close administration;
- perform organisational tasks;
- perform labour safety and fire protection tasks;
- perform IT tasks;
- construct railway ducts and tracks;
- maintain railway tracks;
- ensure safe conditions on the work site, enforce regulations of occupational safety, environment protection and fire protection;
- interpret the technical information, blueprints, technical specifications, technological instructions and the standards of quality control related to railway construction, and apply them accordingly;
- manage the sub-processes of duct and track construction, maintain the tracks, participate in the construction of continuously welded rails, measure the rail defects, work with small hand-held equipment;
- calculate the material requirements for the construction and the maintenance of tracks, properly operate small equipment, tools and devices, solve simple mathematical, structural, blueprint-related and technological problems within the field of railway construction;
- contribute to the processes of public road and bridge construction.

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

3117 Building and architectural 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 of National Development</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: 2021.07.21</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: 20%;">Central written examination</td> <td style="width: 50%;">Structure of railways, technologies of construction</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>Requirements imposed on railway construction, structural solutions, construction and maintenance</td> <td style="text-align: center;">5</td> <td style="text-align: center;">20.00</td> </tr> <tr> <td>Practical examination</td> <td>Railway construction apprenticeship, geodetic measurements and the setting of survey marks</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	Structure of railways, technologies of construction	5	30.00	Oral examination	Requirements imposed on railway construction, structural solutions, construction and maintenance	5	20.00	Practical examination	Railway construction apprenticeship, geodetic measurements and the setting of survey marks	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>In 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 Decree 12/2013 (29 March) of the Minister of National Development on the professional and examination criteria of vocational qualifications falling within the competence of the Minister of National Development.</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: 60 % Practice: 40 %	
Workplace-based		
Accredited prior learning		
Total duration of the education/training leading to the certificate		1440 hours

**Entry requirements:**

- General Certificate of Secondary Education

**Vocational requirement modules:**

- 11500-12 Occupational health and safety
- 11498-12 Employment I. (in training courses based on secondary school-leaving examination)
- 10472-12 Basic transport construction
- 10473-12 Transport construction
- 10475-12 Construction organization, management and measurements
- 10477-12 Theory of railway construction

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: 2021.07.21

**SEAL**