



## 1. TITLE OF THE CERTIFICATE (HU)

54 582 01 0000 00 00 Épületgépész technikus

## 2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Building mechanical technician  
(THIS TRANSLATION HAS NO LEGAL STATUS)

## 3. PROFILE OF SKILLS AND COMPETENCES

**A typical holder of the certificate is able to:**

- To revise plans, to prepare detail drawings and to design;
- To revise systems and system elements for each professional area;
- To complete the planning documentations;
- To check the existence of the measurement and setting conditions of the systems;
- To compile the quotation and to prepare the undertaking;
- To check the planning documentation, finalise the technical content;
- To compile the technical documentation belonging to the quotation;
- To determine the organisational conditions;
- To calculate the price of undertaking;
- To compile the draft contract for work, labour and materials;
- To compile the tender documentation;
- To conclude contract with the orderer;
- To prepare the implementation and installation works;
- To prepare a detailed schedule;
- To learn the local labour safety, fire-protection, accident-prevention and environmental regulations;
- To organise and schedule own services;
- To select the commercial and manufacturing sources;
- To order and schedule subcontractors' services;
- To direct the implementation and installation works;
- To organise the organisational site visit;
- To take over the jobsite;
- To direct the implementation and provide for the technical supervision of the work;
- To perform implementation work;
- To liaise with the partners;
- To perform administrative activities related to his job;
- To organise activities related to putting into operation, setting and handover-takeover;
- Take over and document subcontractors' services;
- To check for each professional area if the implementation is in conformity with the plan; check the completion of the installation;
- To provide for the conditions of commissioning;
- To put the building technical systems into operation;
- To perform and document the control measurements;
- To compile the handover-takeover documentation;
- To run the trial operation;
- To carry out the handover-takeover;
- To participate in the occupancy procedure;
- To close the given project, undertaking;
- To prepare and perform the activities relating to the operation of the facility;
- To plan and direct the operational tasks;
- To determine the infrastructure required for the operation;
- To prepare, upload with data and handle the building operation software;
- To plan and direct the maintenance tasks;
- To prepare the Preventive Maintenance Plan, taking account of the handover documentation;
- To determine the infrastructure required for the maintenance;
- To conclude contracts with the service providers;

- To perform the regular and ad hoc maintenance activities or have these activities performed;
- To plan and organise the repair tasks;
- To plan and direct the scheduled repairs and renewals;
- To get prepared to repair occasional defects;
- To perform and organise repairs of the faulty parts and equipments;
- To document and assess the repair work;
- To plan, suggest, and organise construction and modernisation work;
- To get the detailed plans elaborated;
- To organise work and its conditions;
- To execute work;
- To put the system into operation and modulate it;
- To perform controlling measurements;
- To plan, organise activities related to waste management;
- To work out the building and system specific principles and methods of waste management;
- To work out a general and ad hoc waste management and salvage plan;
- To perform general and administrative activities, professional administrative activities, and technical professional activities.

#### 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/>

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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 Social Affairs and Labour (SZMM), a vocational qualification-related independent professional committee commissioned by the SZMM	
<b>Level of the certificate (national or international)</b>  <b>Level of vocational qualification according to the National Qualification Register:</b> 54 Higher level vocational qualification entitling the holder to fill positions characteristically requiring 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>  The average of the percentage of the performance achieved per examination part, taking into consideration the vocational and examination requirements, expressed as a grade: 81-100%      excellent (5) 71-80%        good (4) 61-70%        satisfactory (3) 51-60%        pass (2) 0-50%         fail (1)	
	The code and name of the vocational requirement module, and the result achieved in the examination part associated with the requirement module expressed in %:	
<b>Certificate number:</b>  PT K  <b>Serial number:</b> 123456	0111-06 General mechanical engineering technology tasks I (mechanic)	100%
	0110-06 General tasks in occupational safety and health, fire and environmental protection relating to mechanical engineering	100%
	0109-06 Basic building engineering tasks	100%
	0098-06 Tasks performed with instruments in connection with heating and ventilation	100%
	0409-06 Management, design and control tasks	100%
	0104-06 Building mechanical technician tasks	100%
<b>Certificate issue date:</b>  2021.06.18	<b>The performance of the examinee achieved at the vocational examination expressed in %:</b>	<b>100%</b>
	<b>The performance of the examinee achieved at the vocational examination expressed as a grade:</b>	<b>5</b>
<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>  Ministry of Social Affairs and Labour Decree 15/2008 (VIII. 13.) on the professional and examination criteria of vocational courses, Act LXXVI of 1993 on Vocational Training.		

## 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		2000 hours
<b>Entry requirements:</b> Baccalaureate  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. <b>National Reference Point – NSZFH – <a href="http://nrk.nive.hu">http://nrk.nive.hu</a></b>		
Head of Examination Organiser: Issue date: 2021.06.18		SEAL