

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

34-582-05 Hűtő- és légtechnikai rendszerszerelő

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

Cooling and ventilation systems mechanic  
(THIS TRANSLATION HAS NO LEGAL STATUS)

**3. PROFILE OF SKILLS AND COMPETENCES**

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

- install pipe systems;
- check the solidity of pipe joints;
- prepare thermal and corrosion protective insulations;
- install and repair cooling, ventilating and air conditioning systems and system elements;
- apply regulations concerning the fitting and installation of equipment.

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

7521 Pipe network fitter (water, gas, heating pipes)  
7522 Ventilation, cooling and air conditioning equipment mechanic

**(\*) 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 for National Economy</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> 34 secondary vocational qualifications, which are based on elementary school qualifications or the entry competences defined in the professional and examination requirements and may be typically obtained in formal education</p> <p><b>ISCED2011 code:</b> 3</p> <p><b>NQF level:</b> 4</p> <p><b>EQF level:</b> 4</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:</b> PT K</p> <p>Serial number: 123456</p> <p><b>Certificate issue date:</b> 2023.10.02</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%;">Oral examination</td> <td style="width: 40%;">Oral tasks for cooling and ventilation systems mechanics</td> <td style="width: 10%;">5</td> <td style="width: 30%;">30.00</td> </tr> <tr> <td>Practical examination</td> <td>HVAC pipe fitting task</td> <td>5</td> <td>20.00</td> </tr> <tr> <td>Practical examination</td> <td>Tasks for cooling and ventilation systems mechanics</td> <td>5</td> <td>50.00</td> </tr> <tr> <td colspan="2">Result achieved at the complex vocational examination, expressed in grades.</td> <td>5</td> <td></td> </tr> </table>	Oral examination	Oral tasks for cooling and ventilation systems mechanics	5	30.00	Practical examination	HVAC pipe fitting task	5	20.00	Practical examination	Tasks for cooling and ventilation systems mechanics	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>To secondary 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 Professional and examination requirements specified in Decree No. 12/2013 (28 March) of the Ministry for National Economy.</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: 30 % Practice: 70 %	
Workplace-based		
Accredited prior learning		
Total duration of the education/training leading to the certificate		3 years

**Entry requirements:**

- Elementary level school education

**Vocational requirement modules:**

- 10209-12 HVAC pipe fitting
- 10211-12 HVAC systems
- 10212-12 Cooling systems mechanic tasks
- 10213-12 Ventilation systems mechanic tasks
- 10214-12 HVAC safety at work and environmental protection related tasks
- 11497-12 Employment I
- 11500-12 Occupational health and safety

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: 2023.10.02

**SEAL**