

**1. TITLE OF THE PROFESSION**

07133004 Hűtéstechnikai berendezés üzemeltető

**2. TRANSLATED TITLE OF THE PROFESSION**

Cooling equipment operator

(THIS TRANSLATION HAS NO LEGAL STATUS)

**3. PROFILE OF SKILLS AND COMPETENCES**

- Applies the work, fire and environmental regulations of building services engineering;
- Operates and manages the cooling technology network;
- Operates and manages the cooling technology network Supervises and manages the automation system used for operation, as well as the operation and condition of operating fittings;
- Identifies potential safety technology problems;
- Documents data relating to the operation of the plant;
- Operates and manages the cooling technology centre;
- Detects changes in temperature, pressure and power during operation;
- Prepares leakage tests;
- Applies the measuring instruments used for operation;
- Documents the tasks and measured results in connection with cooling.

**4. CLASSIFICATION OF THE VOCATIONAL TRAINING ACCORDING TO THE ISCED FIELDS OF EDUCATION AND TRAINING (ISCED-F)**

0713 Energetics and electricity

**(\*) Explanatory notes:**

<sup>1</sup> In the original language. | <sup>2</sup> The translation of the designation is provided for information purposes only. | <sup>3</sup> Fill it out if necessary. The certificate supplement provides additional information on the qualification but have no legal value in itself. The format of the description is in conformity with Decision (EU) 2018/646 of the European Parliament and of the Council of 18 April 2018 on a common framework for the provision of better services for skills and qualifications (Europass) and repealing Decision No 2241/2004/EC.

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## 5. OFFICIAL BASIS OF THE CERTIFICATE

<b>Name and status of the authority issuing the certificate</b>	<b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b>  Ministry for Innovation and Technology																		
<b>Level of the certificate (national or international)</b>  NQF level: 3  EQF level: 3  Digital Competence Framework level: 3	<b>Grading scale / Pass requirements</b>  Five -grade: 5 excellent 4 good 3 satisfactory 2 pass 1 fail																		
Certificate number: CXK A  Serial number: 123456  Certificate issue date:  2024.05.03	<b>Designation of the theoretical and practical subjects of the vocational qualification examination and their grades according to a five-grade scale</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td colspan="3"><b>written</b></td> </tr> <tr> <td style="width: 80%;">Tasks for the operation of cooling technology installations</td> <td style="width: 10%; text-align: center;">100%</td> <td style="width: 10%; text-align: center;">5</td> </tr> <tr> <td colspan="3"><b>project exercise</b></td> </tr> <tr> <td>Operating cooling technology installations</td> <td style="text-align: center;">100%</td> <td style="text-align: center;">5</td> </tr> <tr> <td colspan="3">Result of the qualification examination</td> </tr> <tr> <td></td> <td style="text-align: center;">100%</td> <td style="text-align: center;">5</td> </tr> </table>	<b>written</b>			Tasks for the operation of cooling technology installations	100%	5	<b>project exercise</b>			Operating cooling technology installations	100%	5	Result of the qualification examination				100%	5
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<b>Access to next level of education/training</b>	<b>International agreements</b>																		
<b>Other information concerning the vocational training process</b>																			
<b>Legal basis</b>  Government Decree 12/2020 (II. 7.) on the Implementation of the Vocational Education and Training Act, Government Decree 319/2020 (VII. 1.) on the amendment of Government Decree 12/2020 (II. 7.) on the Implementation of the Vocational Education and Training Act, Government Decree 95/2021 (II. 27.) on the Amendment of Certain Government Decrees Relating to Vocational Education and Training and Adult Training, Section 13(1) of Act LXXX of 2019 on Vocational Education and Training.																			

## 6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Description of the sectoral basic training and the theoretical and practical vocational training	Distribution of programme elements in percentage
Total duration of the education/training	250 hours
<p><b>Entry requirements:</b></p> <ul style="list-style-type: none"><li>- Education prerequisite: elementary education</li><li>- Medical fitness requirements must be met</li></ul> <p><b>Further information:</b></p> <p><b>WRITTEN EXAMINATION EXERCISES</b> A test that includes a multiple-choice, text, document completion task. Topics covered: Questions and tasks relating to work, fire and environmental protection in building services engineering; Questions and tasks relating to the installation and operation of cooling technology networks; Questions and tasks related to the management and operation of cooling technology centres; Questions and tasks related to the documentation used for the operation of cooling technology systems; Malfunctions of cooling equipment and networks, recognition of emergency situations, questions and tasks related to the knowledge of the measures to be taken</p> <p><b>PROJECT EXERCISES</b> Checks and carries out the tasks needed to switch on a given cooling system, and then presents them orally to the examining board.</p> <p>You can find more information on the Programme and System Requirements in the following link: <a href="https://ikk.hu">https://ikk.hu</a> This certificate supplement was elaborated in accordance with the programme requirements registered by the minister responsible for VET.</p> <p><b>National Reference Point: National Office of Vocational Education and Training and Adult Learning: <a href="https://nrk.nive.hu">https://nrk.nive.hu</a></b></p>	

Head of Examination Organiser:  
Issue date: 2024.05.03

**SEAL**