



1. TITLE OF THE PROFESSION

07993005 Kályhás

2. TRANSLATED TITLE OF THE PROFESSION

Furnace technician

(THIS TRANSLATION HAS NO LEGAL STATUS)

3. PROFILE OF SKILLS AND COMPETENCES

- during their work, the furnace technician assesses the location of the combustion equipment, designs the combustion equipment, builds, rebuilds, cleans or repairs and delivers furnaces, fireplaces, ovens, stoves;
- performs their work in consideration of the professional and occupational health and safety regulations and requirements, and prepares documentation of their work;
- establishes and operates a business;
- surveys the site of the combustion equipment;
- interprets the content of various levels of documentation and utilises them in practice;
- inspects the supply of combustion air;
- scales the combustion equipment according to the room to be heated and the existing chimney;
- designs the combustion equipment;
- calculates material requirements and price;
- takes into account the characteristic properties of the materials to be used;
- prepares the materials and the workspace;
- observes the proper sequence of construction technological processes;
- prepares the appropriate thermal insulation in the environment of the built-in combustion equipment;
- prepares all work-related documentation;
- possesses basic foreign language communication skills;
- complies with and enforces work, accident, safety, fire and environmental regulations.

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

0799 Engineering, manufacturing and construction n.e.c.

(*) Explanatory notes:

¹ In the original language. | ² The translation of the designation is provided for information purposes only. | ³ 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

Name and status of the authority issuing the certificate	Name and status of the national/regional authority providing accreditation/recognition of the certificate Ministry for Innovation and Technology																		
Level of the certificate (national or international) NQF level: 3 EQF level: 3 Digital Competence Framework level: 3	Grading scale / Pass requirements Five -grade: 5 excellent 4 good 3 satisfactory 2 pass 1 fail																		
Certificate number: CXK A Serial number: 123456 Certificate issue date: 2024.01.08	Designation of the theoretical and practical subjects of the vocational qualification examination and their grades according to a five-grade scale <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td colspan="3">written</td> </tr> <tr> <td style="width: 80%;">Professional knowledge and calculations related to furnace construction</td> <td style="width: 10%; text-align: center;">100%</td> <td style="width: 10%; text-align: center;">5</td> </tr> <tr> <td colspan="3">project exercise</td> </tr> <tr> <td>Construction of solid fuel tiled stove</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>	written			Professional knowledge and calculations related to furnace construction	100%	5	project exercise			Construction of solid fuel tiled stove	100%	5	Result of the qualification examination				100%	5
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Access to next level of education/training To secondary education	International agreements																		
Other information concerning the vocational training process																			
Legal basis 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 11/2020 (II. 7.) on the Implementation of the Act on Adult Education, Government Decree 292/2023 (VII. 6.) on the amendments to government decrees due to the ex-post impact assessment of the transformation in 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	650 hours
<p>Entry requirements:</p> <ul style="list-style-type: none">- Educational attainment: basic education- Medical fitness requirement: Occupational health examination <p>Further information:</p> <p>WRITTEN EXAMINATION EXERCISES The examination includes multiple choice, short answer, calculation and diagram comprehension tasks.</p> <p>PROJECT EXERCISES Construction of a solid fuel tiled stove by row of tiles (including plinth, intermediate and finishing rows of tiles), installation of a combustion door, construction of flues, while conducting a professional discussion on the construction process, installation and maintenance of the combustion equipment.</p> <p>You can find more information on the Programme and System Requirements in the following link: https://ikk.hu This certificate supplement was elaborated in accordance with the programme requirements registered by the minister responsible for VET.</p> <p>National Reference Point: National Office of Vocational Education and Training and Adult Learning: https://nrk.nive.hu</p>	

Head of Examination Organiser:
Issue date: 2024.01.08

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