

**1. TITLE OF THE PROFESSION**

07133022 Kazánkezelő (max. 12 t/h)

2. TRANSLATED TITLE OF THE PROFESSION

Boiler operator (max. 12 t/h)
(THIS TRANSLATION HAS NO LEGAL STATUS)

3. PROFILE OF SKILLS AND COMPETENCES

- operate and monitor industrial boilers and auxiliary installations with a mass flow not exceeding 12 t/h and a power not exceeding 720 kW;
- ensure the start-up, commissioning and continuous operation of boilers and the efficient, reliable and on-demand operation of the technological equipment supplied by the boiler;
- check the operating parameters;
- carry out the necessary maintenance intervention according to their level of competence;
- keep the required operational documents;
- operate automated boiler systems and keep electronic operating logs, relying on their IT skills;
- carry out inspection of building surveillance systems and safety equipment within their scope of competence and manage hazardous substances, waste and by-products in accordance with the regulatory requirements.

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

0713 Energetics and electricity

(*) 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: 2023.12.07		Designation of the theoretical and practical subjects of the vocational qualification examination and their grades according to a five-grade scale		
		written		
		Boiler operation knowledge	100%	5
		project exercise		
		Boiler and machine operation tasks	100%	5
		Result of the qualification examination	100%	5
Access to next level of education/training		International agreements		
Other information concerning the vocational training process The certificate entitles its holder to fill a position defined in point 4 of Annex 2 to Decree 21/2010 (V. 14.) NFGM of the Minister of National Development and Economy, pursuant to Article 1(1) of the said decree, and in point 2 of Annex 2 to Decree 16/2018 (IX. 11.) ITM of the Minister for Innovation and Technology				
Legal basis 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.				

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	300 hours

Entry requirements:

- Educational prerequisite: elementary school qualification
- Medical fitness requirements shall be met

Further information:

WRITTEN EXAMINATION EXERCISES

Word problems (identification of appliances, technical vocabulary, interpretation of diagrams)

Test questions on material, equipment and system knowledge

Test questions on labour safety, fire safety and environmental protection

Test questions on automated equipment with process control

Using IT applications, recording data, reading instruments

PROJECT EXERCISES

Practical tasks related to the operation of industrial boilers, combustion equipment, associated fittings, instruments and service systems

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.

National Reference Point: National Office of Vocational Education and Training and Adult Learning:
<https://nrk.nive.hu>

Head of Examination Organiser:

Issue date: 2023.12.07

SEAL