

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

32-522-02 Kazánkezelő (2-12 t/h között)

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

Boiler operator (2-12 t/h)

(THIS TRANSLATION HAS NO LEGAL STATUS)

**3. PROFILE OF SKILLS AND COMPETENCES****A typical holder of the certificate is able to:**

- put the fuel supply system into operation;
- fill up the boiler;
- supervise the boiler level;
- supervise the feed/supplementary water supply system;
- operate the air supply and smoke gas ventilation system;
- check the existence of locking conditions;
- start, operate and stop the burning device;
- operate the feed water, circulating, oil supply, intensifier etc. pumps;
- start up, connect to the system, stop and disconnect the boiler;
- checks locking conditions after failed startup;
- supervise the flame image and length;
- supervise factory and service parameters;
- check correct gas-air ratio by visual check and sampling of smoke gas;
- remove the sludge from the boiler depending on the measurement results or at regular intervals;
- check the factory status of assigned power systems;
- supervise the operation of factory fittings and the status of safety fittings;
- supervise the fire safety system of the boiler room, the hall and the fuel storage;
- perform fault analysis in case of any fault;
- make arrangements within his/her scope of work to eliminate the fault;
- stop all systems in case of emergency;
- report to the line manager, if needed;
- ensure regulatory compliance in storing hazardous materials;
- supervise the hazardous gas concentration control system of the factory hall emergency ventilation unit;
- use a process control computer;
- keep a factory log and document events during the shift.

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

8323 Boiler equipment operator

**(\*) 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> 32 lower secondary vocational qualifications, which are based on elementary school qualifications or the entry competences defined in the professional and examination requirements and may be obtained in non-formal education.</p> <p><b>ISCED2011 code:</b> 3</p> <p><b>NQF level:</b></p> <p><b>EQF level:</b></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: PT K</b></p> <p>Serial number: 123456</p> <p><b>Certificate issue date: 2023.10.02</b></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%;">Boiler operator (2-12 t/h) oral exam activities</td> <td style="width: 10%;">5</td> <td style="width: 30%;">25.00</td> </tr> <tr> <td>Practical examination</td> <td>Industrial oil and gas fired equipment operator tasks</td> <td>5</td> <td>25.00</td> </tr> <tr> <td>Practical examination</td> <td>Low-power boiler operator (max. 2 t/h) tasks</td> <td>5</td> <td>25.00</td> </tr> <tr> <td>Practical examination</td> <td>Boiler operator (2-12 t/h) tasks</td> <td>5</td> <td>25.00</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	Boiler operator (2-12 t/h) oral exam activities	5	25.00	Practical examination	Industrial oil and gas fired equipment operator tasks	5	25.00	Practical examination	Low-power boiler operator (max. 2 t/h) tasks	5	25.00	Practical examination	Boiler operator (2-12 t/h) tasks	5	25.00	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		420 hours

**Entry requirements:**

- Elementary level school education;
- Medical fitness examination is required.

**Vocational requirement modules:**

10214-12 HVAC safety at work and environmental protection related tasks

11416-12 Industrial oil and gas fired equipment operator tasks

11417-12 Low-power boiler operator (max. 2 t/h) tasks

11418-12 Boiler operator (2–12 t/h) tasks

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**