

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

33-522-01 Kazángépész (12 t/h felett)

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)Boiler machinist (over 12 t/h)
(THIS TRANSLATION HAS NO LEGAL STATUS)**3. PROFILE OF SKILLS AND COMPETENCES****A typical holder of the certificate is able to:**

- supervise the feed/supplementary waster supply of the boiler equipment and the operation of the degassing unit;
- prepare the boiler equipment for operation;
- prepare fuel materials for use or storage;
- put the fuel supply systems into operation and bleed the air and water from the system;
- check the burning systems tightness from the inside and outside and the integrity of the air system;
- put into operation and operate the boiler's auxiliary equipment;
- check and launch the ignition programme;
- start, operate and stop the fuel system and supervise professional business operations;
- check the flame image, the fuel-air ratio and perform smoke gas analysis;
- remove the sludge from the boiler depending on the measurement results or at regular intervals;
- check the factory status and efficient operation of assigned power systems;
- supervise factory parameters, load level and service quality;
- supervise the operation and status of factory and safety fittings;
- operate the pre-heating, steam over-heating and desludging units;
- operate the slag removal and soot blow-off system after burning;
- ensures the usability of alternative fuels;
- 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;
- supervise the central fire safety system of the fuel storage;
- checks the hazardous gas concentration control, warning and alarm system of the factory hall emergency ventilation unit;
- keep a factory log and document events during the shift;
- ensure regulatory compliance in storing hazardous materials;
- use a process control computer.

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>Name and status of the institute issuing the certificate</p>	<p>Name and status of the national/regional authority providing accreditation/recognition of the certificate</p> <p>Ministry for National Economy</p>												
<p>Level of the certificate (national or international)</p> <p>Level of vocational qualification according to the National Qualification Register: 33 lower secondary vocational qualification add-ons, which are based on vocational qualifications requiring elementary school qualifications and may be obtained in non-formal education</p> <p>ISCED2011 code: 3</p> <p>NQF level:</p> <p>EQF level:</p>	<p>Grading scale / Pass requirements</p> <p>Five -grade: 5 excellent 4 good 3 satisfactory 2 pass 1 fail</p>												
<p>Certificate number: PT K</p> <p>Serial number: 123456</p> <p>Certificate issue date: 2023.10.02</p>	<p>Results achieved at the examination and their proportion expressed in percentage in the complex mark</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Oral examination</td> <td style="width: 50%;">Boiler machinist (over 12 t/h) oral examination activities</td> <td style="width: 10%; text-align: center;">5</td> <td style="width: 15%; text-align: center;">30.00</td> </tr> <tr> <td>Practical examination</td> <td>Boiler machinist (over 12 t/h) tasks</td> <td style="text-align: center;">5</td> <td style="text-align: center;">70.00</td> </tr> <tr> <td colspan="2">Result achieved at the complex vocational examination, expressed in grades.</td> <td style="text-align: center;">5</td> <td></td> </tr> </table>	Oral examination	Boiler machinist (over 12 t/h) oral examination activities	5	30.00	Practical examination	Boiler machinist (over 12 t/h) tasks	5	70.00	Result achieved at the complex vocational examination, expressed in grades.		5	
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<p>Access to next level of education/training</p> <p>To secondary education</p>	<p>International agreements</p>												
<p>Other information concerning the vocational training process</p>													
<p>Legal basis</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		300 hours

Entry requirements:

- 32 522 02 Boiler operator (2–12 t/h) qualification;
- 2-year verified boiler operator (2–12 t/h) practical experience;
- Medical fitness examination is required.

Vocational requirement modules:

11415-12 Boiler machinist (over 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

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