

1. TITLE OF THE CERTIFICATE (HU)

31-853-02 Fürdőüzemi gépész

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Spa industry mechanic

(THIS TRANSLATION HAS NO LEGAL STATUS)

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

- Measure, prepare, dose chemical and physical auxiliary substances;
- Operate low and high-voltage electric appliances;
- Use mechanical, pneumatic, combustion engine and electric aids and hand tools.;
- Perform physical and chemical operational monitoring measurements using portable laboratory measuring instruments, rapid tests;
- Use conventional and computer technical documentation;
- Operate conventional and computerised facility management systems;
- Keep conventional and computerised records, logbooks;
- Participate in sample-taking and measuring tasks;
- Operating and maintenance of installations serving or aiding the service of public bath, beach, thermal, medicinal, wellness and aqua park cold, thermal, and medicinal water producing, water storage, and water treatment installations as well as those of public swimming pool facilities;
- Providing for proper operation of well plant;
- Check/control and operate public pools and equipment (sauna, steam, etc.) and adventure chambers and elements;
- Check/control and operate other technical equipment of public baths;
- Perform the management, maintenance and repair tasks of water systems;
- Manage, maintain, repair cold and hot water networks, installations, and sewer systems;
- Perform the operational, maintenance and repair tasks of water storage materials and objects while preserving the quantity and the quality of the generated drinking water;
- Solve the operational, checking, maintenance and repair tasks of lifting pumps and secondary containers;
- Perform operation, maintenance, and repair of mechanical equipment affiliated with spa and swimming pool artefacts. Manage degassing, cooling, and water quality improving structures and installations.;
- operate, maintain, repair equipment operating under pressure;
- Perform the management, maintenance and repair tasks related to objects and equipment serving the purposes of heat exchange and water ventilation;
- operate, maintain, repair water recycling, water purification, and disinfecting installations.;
- operate, maintain facilities and installations for used and wastewater drainage and purification, as well as their ancillary equipment.;
- clean and repair gravitation sewage system, perform operation, maintenance, repair of forced-flow (under pressure and vacuum) sewer system;
- Operate, maintain, repair compressed air producing and storing installation with associated pipe network.;
- operate and maintain disinfecting equipment.;
- monitor and set water parameters.;
- Comply with health, safety, accident, fire and environmental protection regulations on the job, and have others be in compliance as well..

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

8322 Operator of water management equipment

(*) 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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MANUAL

5. OFFICIAL BASIS OF THE CERTIFICATE																
Name and status of the institute issuing the certificate		Name and status of the national/regional authority providing accreditation/recognition of the certificate In the case of vocational qualifications belonging to the competence of the Ministry of the Interior (BM), a vocational qualification-related independent professional committee commissioned by the BM														
Level of the certificate (national or international) Level of vocational qualification according to the National Qualification Register: 31 lower secondary partial vocational qualifications, which are based on elementary school qualifications or knowledge elements defined in the professional and examination requirements (hereinafter: entry competences), and may be obtained in non-formal education, special vocational education or the "HÍD II." programme ISCED2011 code: 3 NQF level: EQF level:		Grading scale / Pass requirements Five -grade: 5 excellent 4 good 3 satisfactory 2 pass 1 fail														
Certificate number: PT K Serial number: 123456 Certificate issue date: 2023.10.02		Results achieved at the examination and their proportion expressed in percentage in the complex mark <table border="1"> <tbody> <tr> <td>Oral examination</td> <td>Vocational skills, labour safety, environmental protection</td> <td>5</td> <td>20.00</td> </tr> <tr> <td>Practical examination</td> <td>Operation and maintenance of spa and swimming pool mechanical installations and guest area installations in line with labour safety, fire safety and environmental protection regulations</td> <td>5</td> <td>80.00</td> </tr> <tr> <td colspan="2">Result achieved at the complex vocational examination, expressed in grades.</td> <td>5</td> <td></td> </tr> </tbody> </table>			Oral examination	Vocational skills, labour safety, environmental protection	5	20.00	Practical examination	Operation and maintenance of spa and swimming pool mechanical installations and guest area installations in line with labour safety, fire safety and environmental protection regulations	5	80.00	Result achieved at the complex vocational examination, expressed in grades.		5	
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Result achieved at the complex vocational examination, expressed in grades.		5														
Access to next level of education/training To secondary education		International agreements														
Other information concerning the vocational training process																
Legal basis Act CLXXXVII of 2011 on Vocational Training																

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: 40 % Practice: 60 %	
Workplace-based		
Accredited prior learning		
Total duration of the education/training leading to the certificate		600 hours
<p>Entry requirements:</p> <ul style="list-style-type: none"> - Completed primary school education - Medical fitness assessment <p>Vocational requirement modules: 10881-12 Public bath operation</p> <p>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.</p> <p>National Reference Point – NSZFH – http://nrk.nive.hu</p>		
<p>Head of Examination Organiser:</p> <p>Issue date: 2023.10.02</p>		SEAL