

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

52-522-02 Gázturbina gépész

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Gas turbine mechanic

(THIS TRANSLATION HAS NO LEGAL STATUS)

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

- observe and ensure the observance of safety at work and environmental protection related requirements;
- run the systems, auxiliary equipment and related devices of the gas turbine in an economical and professional manner;
- ensure the operability of the gas turbine and its auxiliary equipment.;
- arrange for the operation of the machine in line with the user's guide and maintenance instructions issued by the manufacturer;
- continuously monitor the control and protection systems of the gas turbine;
- arrange for the conditions necessary for commissioning the turbine, and ensure basic operation parameters;
- immediately signal and make any necessary steps if any malfunction is detected in the operation or technical condition of the gas turbine or its auxiliary equipment;
- monitor parameters of the efficiency of the turbine and perform necessary plant operation related maintenance works (replacement of filters, rinsing of compressor);
- ensure necessary conditions prior to starting maintenance works;
- document the works and interventions performed, as well as the data of on-site checks in line with the specifications issued by the manufacturer and the operator..

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

8321 Energetics machine 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

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| <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: 52 upper secondary vocational qualifications, which require the completion of the secondary school leaving exam and may be obtained primarily in non-formal education</p> <p>ISCED2011 code: 4</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%;">Operation of power plant gas turbines</td> <td style="width: 12.5%; text-align: center;">5</td> <td style="width: 12.5%; text-align: center;">40.00</td> </tr> <tr> <td>Practical examination</td> <td>Operation of power plant gas turbines</td> <td style="text-align: center;">5</td> <td style="text-align: center;">60.00</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 | Operation of power plant gas turbines | 5 | 40.00 | Practical examination | Operation of power plant gas turbines | 5 | 60.00 | Result achieved at the complex vocational examination, expressed in grades. | | 5 | |
| Oral examination | Operation of power plant gas turbines | 5 | 40.00 | | | | | | | | | | |
| Practical examination | Operation of power plant gas turbines | 5 | 60.00 | | | | | | | | | | |
| Result achieved at the complex vocational examination, expressed in grades. | | 5 | | | | | | | | | | | |
| <p>Access to next level of education/training</p> <p>to higher 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 Decree 27/2012 (27 August) of the Minister for National Economy on the professional and examination requirements of vocational qualifications falling within the competence of the Minister 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: 40 % Practice: 60 % | |
| Workplace-based | | |
| Accredited prior learning | | |
| Total duration of the education/training leading to the certificate | | 480 hours |
| <p>Entry requirements:</p> <ul style="list-style-type: none"> - Secondary school leaving examination <p>Vocational requirement modules:</p> <p>11099-12 Requirements governing the operation of power plant machines</p> <p>11239-12 Checking, commissioning and halting of the power plant gas turbine</p> <p>11240-12 Troubleshooting and maintenance of power plant gas turbines</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> | | <p>SEAL</p> |