

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

31 582 09 0010 31 01 Energiahasznosító berendezés szerelője

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)Energy-exploitation equipment mechanic
(THIS TRANSLATION HAS NO LEGAL STATUS)**3. PROFILE OF SKILLS AND COMPETENCES****A typical holder of the certificate is able to:**

- install the heating circuit, heat exchangers, pump;
- perform electric and actuator installations;
- set up and install the panel collector, vacuum tube;
- install and commission the solar panel, and fit it to an existing or new heating, HVM system;
- assemble solar panels, heat exchangers from plastic parts and tubes;
- install and connect heat pump system units;
- perform the electric installation of the heat pump system;
- install and connect automation units of the heat pump system;
- commission, inspect and perform maintenance of the heat pump system;
- perform wind engine installation settings;
- assemble and commission bioenergy exploitation equipment.

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

7621 Pipe network fitter

(*) 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/>

©European Communities 2002 ©

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 Social Affairs and Labour (SZMM), a vocational qualification-related independent professional committee commissioned by the SZMM | |
| Level of the certificate (national or international) Level of vocational qualification according to the National Qualification Register: 31 Intermediate vocational qualification entitling the holder to fill positions requiring physical work, which is based on the input theoretical and practical knowledge elements determined in the vocational and examination requirements (hereinafter: input competence) or on the basic school qualification certified with the completion of the eighth grade. ISCED97 code: 3CV | Grading scale / Pass requirements The average of the percentage of the performance achieved per examination part, taking into consideration the vocational and examination requirements, expressed as a grade: 81-100% excellent (5) 71-80% good (4) 61-70% satisfactory (3) 51-60% pass (2) 0-50% fail (1) | |
| | The code and name of the vocational requirement module, and the result achieved in the examination part associated with the requirement module expressed in %: | |
| Certificate number: PT K Serial number: 123456 | 0109-06 Basic building engineering tasks 0110-06 General tasks in occupational safety and health, fire and environmental protection relating to mechanical engineering 0111-06 General mechanical engineering tasks 0095-06 General pipe installation tasks 0096-06 Pipe network, equipment, chemical and caloric machine fitting tasks 0105-06 Energy-exploitation equipment mechanic's tasks | 100% 100% 100% 100% 100% |
| Certificate issue date: 2021.06.18 | The performance of the examinee achieved at the vocational examination expressed in %: The performance of the examinee achieved at the vocational examination expressed as a grade: | 100% 5 |
| Access to next level of education/training To secondary education | International agreements | |
| Other information concerning the vocational training process | | |
| Legal basis Act LXXVI of 1993 on Vocational Training, Ministry of Social Affairs and Labour Decree 2/2006 (VIII. 8.) on the professional and examination criteria of vocational courses. | | |

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 | | 2000 hours |
| Entry requirements: Elementary level qualification certified by the completion of the eighth grade; Medical fitness examination 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: 2021.06.18 | | SEAL |