



## 1. TITLE OF THE CERTIFICATE (HU)

54-525-03 Avionikus

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

Avionic technician

(THIS TRANSLATION HAS NO LEGAL STATUS)

## 3. PROFILE OF SKILLS AND COMPETENCES

**A typical holder of the certificate is able to:**

- use appropriate hand tools, inspection instruments and service tools to check, maintain and repair cockpit instrument systems, telecommunication and radio navigation systems, engine check and control systems, electrical energy system and the flight control system;
- identify and apply the appropriate legal and human factor environment;
- use English language maintenance documentation;
- perform checks, maintenance and repairs on dismantled avionic electronics and electrical components;
- identify, recognize and keep the required documentations.

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

7341 Technician and mechanic of electric machines and devices

7420 Precision mechanical technician

### (\*) 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 of National Development</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><br/>54 advanced vocational qualifications, which require the completion of the secondary school leaving exam and may be obtained primarily in formal education</p> <p><b>ISCED2011 code:</b><br/>4</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<br/>4 good<br/>3 satisfactory<br/>2 pass<br/>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: 15%;">Central written examination</td> <td style="width: 55%;">Avionic professional knowledge. Written exercises related to the avionic electronic and electrical systems of aircraft</td> <td style="width: 10%; text-align: center;">5</td> <td style="width: 20%; text-align: center;">30.00</td> </tr> <tr> <td>Oral examination</td> <td>Avionic professional knowledge. Specific tasks related to avionic electronic and electrical systems.</td> <td style="text-align: center;">5</td> <td style="text-align: center;">30.00</td> </tr> <tr> <td>Practical examination</td> <td>Avionic electronic circuits. Build and check in practice the basic components of the avionic electronics and electrical system.</td> <td style="text-align: center;">5</td> <td style="text-align: center;">15.00</td> </tr> <tr> <td>Practical examination</td> <td>Maintenance of the avionic electronics and electrical system Fault identification, maintenance, repair and qualification of avionic electronics and electrical systems in practice.</td> <td style="text-align: center;">5</td> <td style="text-align: center;">25.00</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> | Central written examination | Avionic professional knowledge. Written exercises related to the avionic electronic and electrical systems of aircraft | 5 | 30.00 | Oral examination | Avionic professional knowledge. Specific tasks related to avionic electronic and electrical systems. | 5 | 30.00 | Practical examination | Avionic electronic circuits. Build and check in practice the basic components of the avionic electronics and electrical system. | 5 | 15.00 | Practical examination | Maintenance of the avionic electronics and electrical system Fault identification, maintenance, repair and qualification of avionic electronics and electrical systems in practice. | 5 | 25.00 | Result achieved at the complex vocational examination, expressed in grades. |  | 5 |  |
| Central written examination   | Avionic professional knowledge. Written exercises related to the avionic electronic and electrical systems of aircraft   | 5                           | 30.00  |   |       |                  |  |   |       |                       |   |   |       |                       |   |   |       |   |  |   |  |
| Oral examination  | Avionic professional knowledge. Specific tasks related to avionic electronic and electrical systems.   | 5                           | 30.00  |   |       |                  |  |   |       |                       |   |   |       |                       |   |   |       |   |  |   |  |
| Practical examination   | Avionic electronic circuits. Build and check in practice the basic components of the avionic electronics and electrical system.  | 5                           | 15.00  |   |       |                  |  |   |       |                       |   |   |       |                       |   |   |       |   |  |   |  |
| Practical examination   | Maintenance of the avionic electronics and electrical system Fault identification, maintenance, repair and qualification of avionic electronics and electrical systems in practice.  | 5                           | 25.00  |   |       |                  |  |   |       |                       |   |   |       |                       |   |   |       |   |  |   |  |
| Result achieved at the complex vocational examination, expressed in grades.   |  | 5                           |  |   |       |                  |  |   |       |                       |   |   |       |                       |   |   |       |   |  |   |  |
| <p><b>Access to next level of education/training</b></p> <p>To higher 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<br/>Decree 12/2013 (29 March) of the Minister of National Development on the professional and examination criteria of vocational qualifications falling within the competence of the Minister of National Development.</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: 60 % Practice: 40 %     |                                     |
| Workplace-based   |                                 |                                     |
| Accredited prior learning   |                                 |                                     |
| Total duration of the education/training leading to the certificate |                                 | 2 years                             |

**Entry requirements:**

- Secondary school leaving examination

**Vocational requirement modules:**

- 10416-12 Traffic technology basics
- 10417-12 Traffic technology practice
- 10428-12 Aerodynamics, structure and system of aircraft
- 10429-12 Aircraft engine basic knowledge
- 10430-12 Air traffic regulations and the human factor
- 11498-12 Employment I (for training courses built on secondary school-leaving examination)
- 11499-12 Employment II.
- 11500-12 Occupational health and safety

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**