



1. TITLE OF THE CERTIFICATE (HU)

54-521-05 Mezőgazdasági gépésztechnikus

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Agricultural mechanical engineering technician
(THIS TRANSLATION HAS NO LEGAL STATUS)

3. PROFILE OF SKILLS AND COMPETENCES

A typical holder of the certificate is able to:

- choose agricultural technology resources necessary for the performance of tasks and machines of agricultural production and adapters;
- perform fertilization;
- perform tillage;
- perform works related to seeding, planting and direct seeding;
- perform plant care;
- perform tasks related to harvesting;
- harvest grain and industrial plants;
- harvest root crops, fruits and vegetables;
- perform agricultural handling;
- build and maintain dirt roads;
- operate cleaning, drying and manipulation devices;
- perform storage works;
- operate fodder processing machines and equipment;
- operate feeding and drinking devices and manure removal installations in animal housing;
- operate milking machines and milk-handling equipment;
- define the state of agricultural machines and machine parts with diagnostic methods and perform error separation;
- perform detection of errors of structural elements and parts;
- interpret, perform and manage documentation related to repair and maintenance;
- perform maintenance and repair schedule, provide recommendations for planned renovation;
- repair and renovate machines and resources related to agricultural production;
- control the functional operation of the machine and hand it over to the operator;
- manage the operation of machines of agricultural production;
- operate electronic systems supporting precision farming;
- Liaison with clients.

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

3116 Mechanical engineering technician

8421 Operator of agricultural, forestry machinery and machinery for pesticide application (operator of milking and milk handling machines)

8421 Operator of agricultural, forestry machinery and machinery for pesticide application (Operator of agricultural combine harvester)

8421 Operator of agricultural, forestry machinery and machinery for pesticide application (Operator of agricultural excavator)

8421 Operator of agricultural, forestry machinery and machinery for pesticide application (Operator of agricultural excavator)

8421 Operator of agricultural, forestry machinery and machinery for pesticide application (Operator of machinery for pesticide application)

8421 Operator of agricultural, forestry machinery and machinery for pesticide application (Operator of self-propelling harvesting machine)

8421 Operator of agricultural, forestry machinery and machinery for pesticide application (Operator of soil improver machines)

8421 Operator of agricultural, forestry machinery and machinery for pesticide application (Operator of soil cleaner machine)

8421 Operator of agricultural, forestry machinery and machinery for pesticide application (Tractor driver)

8421 Operator of agricultural, forestry machinery and machinery for pesticide application (Operator of machinery for chemical pesticide application)

8421 Operator of agricultural, forestry machinery and machinery for pesticide application (Operator of treshing machines)

8421 Operator of agricultural, forestry machinery and machinery for pesticide application (Operator of germination plants)

8421 Operator of agricultural, forestry machinery and machinery for pesticide application (Operator of agricultural, forestry machinery and machinery for pesticide application)

8421 Operator of agricultural, forestry machinery and machinery for pesticide application (Operator of forestry power saw)

6130 Farmer with mixed profile (Animal breeder and plant producer)

6130 Farmer with mixed profile (organic producer)

6130 Farmer with mixed profile (Independent farmer)

6130 Farmer with mixed profile (Primary producer)

(*) 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 of Rural Development</p>																
<p>Level of the certificate (national or international)</p> <p>Level of vocational qualification according to the National Qualification Register: 54 advanced vocational qualifications, which require the completion of the secondary school leaving exam and may be obtained primarily in formal education</p> <p>ISCED2011 code: 4</p> <p>NQF level: 5</p> <p>EQF level: 5</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%;">Central written examination</td> <td style="width: 45%;">Technical skills, complex written exam</td> <td style="width: 10%; text-align: center;">5</td> <td style="width: 20%; text-align: center;">20.00</td> </tr> <tr> <td>Oral examination</td> <td>Knowledge related to agricultural mechanical engineering</td> <td style="text-align: center;">5</td> <td style="text-align: center;">30.00</td> </tr> <tr> <td>Practical examination</td> <td>Repair, preparation for operation of agricultural power engines and machines and operation of machines of agricultural production</td> <td style="text-align: center;">5</td> <td style="text-align: center;">50.00</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	Technical skills, complex written exam	5	20.00	Oral examination	Knowledge related to agricultural mechanical engineering	5	30.00	Practical examination	Repair, preparation for operation of agricultural power engines and machines and operation of machines of agricultural production	5	50.00	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>Advancement 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 56/2016 (VIII. 19.) FM on the professional and examination requirements of vocational qualifications falling within the scope of the Minister for Agriculture</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: 50 % Practice: 50 %	
Workplace-based		
Accredited prior learning		
Total duration of the education/training leading to the certificate		2 years

Entry requirements:

- Secondary school leaving examination
- Requirements for medical fitness shall be met
- Driving licence for agricultural tractors (T Category, driving licence without restriction, and Driving licence for C+E and C1+E category)

Vocational requirement modules:

- 10925-16 Introduction to agricultural technology
- 10975-16 Resources of agricultural technology
- 11049-16 Machines for agricultural production
- 11050-16 Operation of machines in agriculture
- 11908-16 Introduction to agriculture
- 11498-12 Employment I (for training courses built on secondary school-leaving examination)
- 11499-12 Employment II
- 11906-16 Introduction to agricultural business and commerce

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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