

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

31-521-04 Fröccsöntő

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

Injection moulding

(THIS TRANSLATION HAS NO LEGAL STATUS)

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

- Perform manufacturing activity-related tasks;
- Prepare raw materials;
- Prepare and operate manufacturing tools;
- Operate and supervise machinery and equipment;
- Supervise production processes and technologies;
- Operate and supervise injection moulding machine and periphery;
- Set up injection moulding technology;
- Perform product monitoring;
- Perform post-production operations on plastic goods;
- Package injection moulded goods.

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

8135 Operator of plastic product manufacturing machinery

**(\*) 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 for National Economy</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>                      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</p> <p><b>ISCED2011 code:</b> 3</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                      4 good                      3 satisfactory                      2 pass                      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: 25%;">Central written examination</td> <td style="width: 45%;">Components of plastic injection moulding</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>Manufacturing of injection moulded plastic goods</td> <td style="text-align: center;">5</td> <td style="text-align: center;">30.00</td> </tr> <tr> <td>Practical examination</td> <td>Performing technological modification specified by examination committee on designated injection mould machine</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	Components of plastic injection moulding	5	20.00	Oral examination	Manufacturing of injection moulded plastic goods	5	30.00	Practical examination	Performing technological modification specified by examination committee on designated injection mould machine	5	50.00	Result achieved at the complex vocational examination, expressed in grades.		5	
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<p><b>Access to next level of education/training</b></p> <p>To secondary 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                      Professional and examination requirements specified in Decree No. 12/2013 (28 March) of the Ministry 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		430 hours

**Entry requirements:**

- Completion of primary school
- Medical fitness assessment

**Vocational requirement modules:**

- 10087-12 Basics of plastic processing
- 10088-12 Plastic injection moulding
- 10090-12 Working knowledge of plastics industry

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**