



1. TITLE OF THE PROFESSION

4 0715 10 08 Hegesztő

2. TRANSLATED TITLE OF THE PROFESSION

Welder

(THIS TRANSLATION HAS NO LEGAL STATUS)

3. PROFILE OF SKILLS AND COMPETENCES

- produce welded metal structures using manual arc welding, autogenous welding and cutting methods and technologies, following the welding procedure specification (WPS);
- choose the necessary materials and determine the quantity required for performing the task;
- perform structural engineering work in a safe manner, with a high standard of quality and in accordance with the relevant standards;
- identify and correct welding defects based on defect codes;
- carry out inspections in the course and at the end of the work processes and prepare the workpiece for further inspections to ensure conformance with the requirements of quality management systems;
- manufacture and repair metal structures and piping systems in accordance with production and technical documentation, using management system tools and infocommunication devices in the course of their work;
- check whether the relevant fire safety, environmental and work safety conditions are met and observe the Welding Safety Standards;
- properly use the necessary protective equipment.

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

7325 Welder and flamecutter

(*) Explanatory notes:

¹ In the original language. | ² The translation of the designation is provided for information purposes only. | ³ Fill it out if necessary. The certificate supplement provides additional information on the qualification but have no legal value in itself. The format of the description is in conformity with Decision (EU) 2018/646 of the European Parliament and of the Council of 18 April 2018 on a common framework for the provision of better services for skills and qualifications (Europass) and repealing Decision No 2241/2004/EC.

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5. OFFICIAL BASIS OF THE CERTIFICATE

<p>Name and status of the authority issuing the certificate</p>	<p>Name and status of the national /regional authority providing accreditation/recognition of the certificate</p> <p>Ministry for Innovation and Technology</p>																				
<p>Level of the certificate (national or international)</p> <p>NQF level: 4</p> <p>EQF level: 4</p> <p>Digital Competence Framework level: 4</p>	<p>Grading scale / Pass requirements</p> <p>Five -grade: 5 excellent 4 good 3 satisfactory 2 pass 1 fail</p> <p>The prerequisite of being eligible to sit for a sectoral basic examination is the successful completion of all the required training courses, or the recognised prior learning should incorporate the requirements of the sectoral basic examination. The prerequisite of being eligible to sit for a vocational examination is the successful completion of all the training courses and the uninterrupted professional practice required. In case the student is required to pass a sectoral basic examination, latter shall be recognised with the following weighting: The result of the basic sectoral examination will be computed into that of the vocational examination with the following weighting: Sectoral basic examination: 20%, Vocational examination: 80%</p>																				
<p>Certificate number: CXK A</p> <p>Serial number: 123456</p> <p>Certificate issue date: 2023.12.07</p>	<p>Designation of the theoretical and practical subjects of the sectoral basic examination and the vocational examination and their grades according to a five-grade scale</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Sectoral basic examination : The examination was passed based on recognised prior learning</td> </tr> <tr> <td colspan="2">Vocational examination</td> </tr> <tr> <td colspan="2">central interactive</td> </tr> <tr> <td style="width: 80%;">Welding technology, weld inspection, welding safety</td> <td style="text-align: center;">5</td> </tr> <tr> <td colspan="2">project exercise</td> </tr> <tr> <td>Making welding joints with different welding procedures</td> <td style="text-align: center;">5</td> </tr> <tr> <td colspan="2">Result of the vocational examination in percentage</td> </tr> <tr> <td></td> <td style="text-align: center;">100%</td> </tr> <tr> <td colspan="2">Result of the vocational examination with grades</td> </tr> <tr> <td></td> <td style="text-align: center;">5</td> </tr> </table>	Sectoral basic examination : The examination was passed based on recognised prior learning		Vocational examination		central interactive		Welding technology, weld inspection, welding safety	5	project exercise		Making welding joints with different welding procedures	5	Result of the vocational examination in percentage			100%	Result of the vocational examination with grades			5
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<p>Access to next level of education/training</p>	<p>International agreements</p>																				
<p>Other information concerning the vocational training process</p>																					
<p>Legal basis</p> <p>Government Decree 12/2020 (II. 7.) on the Implementation of the Vocational Education and Training Act, Government Decree 319/2020 (VII. 1.) on the amendment of Government Decree 12/2020 (II. 7.) on the Implementation of the Vocational Education and Training Act, Act LXXX of 2019 on Vocational Education and Training.</p>																					

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Description of the sectoral basic training and the theoretical and practical vocational training	Distribution of the total number of hours of the programme
Total duration of the education/training	3 years

Entry requirements:

- Educational prerequisite: elementary school qualification
- Eligibility requirements: occupational aptitude and career aptitude tests shall be passed

Further information:

VOCATIONAL PRACTICAL SUBJECT	HOURS
Basic electrical knowledge	12 hour
Basic mechanical engineering knowledge	12 hour
Basic mechanical engineering measurements	12 hour
Knowledge of materials, testing of materials	12 hour
Basics of welding	12 hour
Metal inert gas (MIG) and metal active gas (MAG) welding with coated electrodes (manual arc welding)	12 hour
Autogenous welding	12 hour
Metal inert gas (MIG) and metal active gas (MAG) arc welding with shielding gas	12 hour
Tungsten inert gas (TIG) arc welding	12 hour
Quality requirements for welded joints	12 hour
VOCATIONAL THEORETICAL SUBJECT	HOURS
Vocational knowledge	12 hour
Vocational foreign language knowledge	12 hour
Basic electrical knowledge	12 hour
Basic mechanical engineering knowledge	12 hour
Technical documentation	12 hour
Basic mechanical engineering measurements	12 hour
Knowledge of materials, testing of materials	12 hour
Basics of welding	12 hour
Metal inert gas (MIG) and metal active gas (MAG) welding with coated electrodes (manual arc welding)	12 hour
Autogenous welding	12 hour
Metal inert gas (MIG) and metal active gas (MAG) arc welding with shielding gas	12 hour
Tungsten inert gas (TIG) arc welding	12 hour
Other welding procedures	12 hour
Quality requirements for welded joints	12 hour
Continuous field practice	160 hour
Altogether	448 hour

Link to the Programme and Outcome Requirements and the Programme Curriculum: <https://ikk.hu>
 The present certificate supplement was elaborated in compliance with Government Decree 12/2020 (II. 7.) on the implementation of the Act on Vocational Education and Training.

National Reference Point: National Office of Vocational Education and Training and Adult Learning: <https://nrk.nive.hu>

Head of Examination Organiser: Issue date: 2023.12.07	SEAL
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