

**1. TITLE OF THE PROFESSION**

07153013 Volfrámelektródás védőgázas ívhegesztő

**2. TRANSLATED TITLE OF THE PROFESSION**Tungsten inert gas (TIG) arc welder  
(THIS TRANSLATION HAS NO LEGAL STATUS)**3. PROFILE OF SKILLS AND COMPETENCES**

- fabricate welded metallic structures using the learned tungsten inert gas (TIG) arc-welding and cutting techniques, in accordance with the Welding Procedure Specification (WPS), and in compliance with the work and fire safety requirements;
- read the technical drawing and select the required materials;
- prepare (cut, grind, measure) and assemble the workpiece;
- safely handle welding equipment, gas cylinders, reducers, hoses, etc. used in the course of their activities;
- perform their work safely, to a high standard of quality and in accordance with the relevant standards;
- perform intermediate and final inspections and prepare the workpiece for further testing;
- identify and repair welding defects;
- take care of their environment, use the technology for its intended purpose.

**4. CLASSIFICATION OF THE VOCATIONAL TRAINING ACCORDING TO THE ISCED FIELDS OF EDUCATION AND TRAINING (ISCED-F)**

0715 Mechanics and metal trades

**(\*) Explanatory notes:**

<sup>1</sup> In the original language. | <sup>2</sup> The translation of the designation is provided for information purposes only. | <sup>3</sup> 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

<b>Name and status of the authority issuing the certificate</b>	<b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b> Ministry for Innovation and Technology																		
<b>Level of the certificate (national or international)</b> NQF level: 3 EQF level: 3 Digital Competence Framework level: 3	<b>Grading scale / Pass requirements</b> Five -grade: 5 excellent 4 good 3 satisfactory 2 pass 1 fail																		
Certificate number: CXK A  Serial number: 123456 Certificate issue date: <b>2023.12.07</b>	<b>Designation of the theoretical and practical subjects of the vocational qualification examination and their grades according to a five-grade scale</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td colspan="3"><b>written</b></td> </tr> <tr> <td style="width: 80%;">Tungsten inert gas (TIG) arc-welding tasks</td> <td style="width: 10%; text-align: center;">100%</td> <td style="width: 10%; text-align: center;">5</td> </tr> <tr> <td colspan="3"><b>project exercise</b></td> </tr> <tr> <td>Fabrication of welded joints using tungsten inert gas (TIG) arc-welding processes</td> <td style="text-align: center;">100%</td> <td style="text-align: center;">5</td> </tr> <tr> <td colspan="3"><b>Result of the qualification examination</b></td> </tr> <tr> <td></td> <td style="text-align: center;">100%</td> <td style="text-align: center;">5</td> </tr> </table>	<b>written</b>			Tungsten inert gas (TIG) arc-welding tasks	100%	5	<b>project exercise</b>			Fabrication of welded joints using tungsten inert gas (TIG) arc-welding processes	100%	5	<b>Result of the qualification examination</b>				100%	5
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	100%	5																	
<b>Access to next level of education/training</b> To secondary education	<b>International agreements</b>																		
<b>Other information concerning the vocational training process</b>																			
<b>Legal basis</b> Act LXXX of 2019 on Vocational Education and Training, Decree 143/2004 (XII. 22.) GKM of the Minister of Economy and Transport on the issuance of the Welding Safety Code, Decree 21/2010 (V. 14.) NFGM of the Minister of National Development and Economy on the qualifications required for the exercise of certain industrial and commercial activities, ISO 9001 standard.																			

## 6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Description of the sectoral basic training and the theoretical and practical vocational training	Distribution of programme elements in percentage
Total duration of the education/training	400 hours

### Entry requirements:

- Primary education

### Further information:

#### WRITTEN EXAMINATION EXERCISES

Tungsten inert gas (TIG) arc-welding tasks

Raw materials, welding alloys and auxiliaries for tungsten inert gas (TIG) arc welding and their marking system

Preparation for tungsten inert gas (TIG) arc welding processes, welding drawing

Tungsten inert gas (TIG) arc-welding equipment

Tungsten inert gas (TIG) arc-welding technology

Welding Safety, Welding Safety Code

#### PROJECT EXERCISES

Fabrication of welded joints using tungsten inert gas (TIG) arc-welding processes

You can find more information on the Programme and System Requirements in the following link: <https://ikk.hu>

This certificate supplement was elaborated in accordance with the programme requirements registered by the minister responsible for VET.

**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