

1. TITLE OF THE CERTIFICATE AND OF THE EDUCATION PROGRAMME (SL) ⁽¹⁾

Spričevalo o zaključnem izpitu po izobraževalnem programu:

IZDELOVALEC KOVINSKIH KONSTRUKCIJ

(ID: 882245)

⁽¹⁾ In original language.

2. TRANSLATED TITLE OF THE CERTIFICATE AND OF THE EDUCATION PROGRAMME (EN) ⁽¹⁾

School-leaving certificate:

METAL CONSTRUCTION MAKER

⁽¹⁾ This translation has no legal status.

3. ACQUIRED KNOWLEDGE, SKILLS AND PROFESSIONAL COMPETENCES

The holder of the certificate is qualified to:

- use technology and technology procedures for the manufacture of constructions and metal construction elements;
- manufacture different steel construction products and install elements and semi-manufactured products correctly and safely;
- perform transport of construction parts, assemble, protect and maintain constructions and construction elements;
- treat load constructions and use testing procedures;
- correctly select materials and treatment process in the light of product requirements;
- perform basic procedures of welding by fire and soldering as well as sticking of metal and non-metallic materials;
- select appropriate burners, feeder materials and set welding parameters;
- prepare welding edges and clean welding surfaces in compliance with welding procedure requirements and perform visual and dimensional control of components;
- carry out basic shredding methods, mechanical treatment of materials and corrosion preventing procedures;
- employ technical and technology documentation, technical regulations, standards, technical plans and manufacturer's instructions;
- chose and carry out technological treatment procedures, transformation or joining of materials in the light of material and the purpose of use;
- use measuring and control devices, tools and machines for construction manufacture and assembly;
- carry out and provide for measures aimed at health and safety at work, environment protection, fire safety and accident prevention;
- have a positive attitude towards measures aimed at pollution reduction and environment protection;
- estimate on rational energy use, use of energy resources and waste management;
- cooperate in a group, communicate in writing and orally with co-workers, experts and clients by employing basic professional terminology;
- use modern IT, work with resources, data and materials;
- think entrepreneurially, manage costs and calculations, act responsibly and socially in the working environment.

Optional:

- select materials and use different equipment for MIG/MAG and TIG welding procedures;
- carry out MIG/MAG/TIG welding procedures and manufacture simple welding compounds.
- use different arc-welding machines and choose basic and feeder elements;
- weld different joints and materials in different positions.
- assess the use of special welding procedures;
- conduct an ecological impact assessment on the use of individual machines, appliances and welding procedures.

In addition, the holder of the certificate also upgraded his/her key professional skills and competences with key general knowledge and skills in line with national standards.

4. RANGE OF OCCUPATIONS ACCESSIBLE TO HOLDER OF THE CERTIFICATE

The holder of the certificate can find employment at all industrial, crafts and service activities, trade or non-commercial activities, the field of manufacture and assembly of steel/metal constructions, as well as the field of material transformation and joining procedures.

⁽¹⁾ Explanatory note

This document is designed to provide additional information about the specified certificate and does not have any legal status in itself. The format of the description is based on the following texts: 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 available at: <http://europass.cedefop.eu.int>

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5. OFFICIAL BASIS OF THE CERTIFICATE

<p>Name and status of the body awarding the certificate</p> <p>The institution is accredited with the Ministry of Education, Science and Sport.</p>	<p>Name and status of the national/regional authority providing accreditation/recognition of the certificate</p> <p>Ministry of Education, Science and Sport Masarykova 16 SI-1000 Ljubljana www.mizs.gov.si</p>
<p>Level of the certificate (national or international)</p> <p>Upper Secondary Vocational Education Slovenian Qualification Framework: SOK 4 European Qualification Framework: EQF 4 ISCED 2011: 353</p>	<p>Grading scale</p> <p>5 – excellent 4 – very good 3 – good 2 – sufficient</p>
<p>Access to next level of education/training</p> <p>A successfully completed education programme within secondary vocational education enables entrance into corresponding education programmes of vocational-technical education. After a certain number of years of work experience, it also enables one to pass a suitable master craftsman or foreman or shop manager exam.</p>	<p>International agreements</p> <p>The Republic of Slovenia has concluded agreements on the recognition of education with individual countries. The relevant information is available at ENIC/NARIC - the National Academic Recognition Information Centre.</p>
<p>Legal basis</p> <p>Organisation and Financing of Education Act Vocational and Technical Education Act</p>	

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Time of the education	3 years
Number of credits ¹	180 credits
General education	54 credits
Professional education	52 credits
Practical education at the employer ²	40 credits
Extracurricular activities	6 credits
Open curriculum ³	26 credits
Final examination	2 credits
<p>Entry requirements</p> <p>The programme can be attended by anyone who has completed the programme of primary education or lower vocational education or equivalent education in line with previous regulations.</p>	
<p>Additional information</p> <ul style="list-style-type: none"> – Ministry of Education, Science and Sport (www.mizs.gov.si): Education programme and description of education and schooling in Slovenia – National Reference Point for Vocational Qualifications - NRP (www.nrpslo.org) – National Europass Centre (www.europass.si) 	

¹ One credit equals 25 hours of candidate's work.

² The individual learning contract increases the scope of workplace-based education with the employer up to 53 weeks.

³ Goals of the open curriculum are defined by schools in cooperation with companies on a local/regional level.

7. MORE DETAILED DESCRIPTION OF EDUCATION

GENERAL EDUCATION:

1. Slovene (12 credits)
2. Mathematics (12 credits)
3. Foreign language (9 credits)
4. Art (2 credits)
5. Natural sciences (6 credits)
6. Social sciences (6 credits)
7. Physical education (7 credits)

PROFESSIONAL EDUCATION:

Mandatory Modules (36 credits)

1. Occupational technical communication (4 credits)
2. Materials and processing in the occupation (3 credits)
3. Construction elements (3 credits)
4. Organization and administration (3 credits)
5. Preparation of parts for joining (9 credits)
6. Transport, assembly and protection of parts and constructions (6 credits)
7. Welding by flame, soldering and sticking (8 credits)

Optional Modules (16 credits)

8. Manual arc-welding (8 credits)
9. Gas protection welding (8 credits)
10. Special joining procedures (8 credits)

OPEN CURRICULUM (26 credits):

The open curriculum is determined by the school in cooperation with companies on the local level.

PRACTICAL EDUCATION:

1. Practical training in school
2. Practical training through work placement at the employer

EXTRACURRICULAR ACTIVITIES (6 credits):

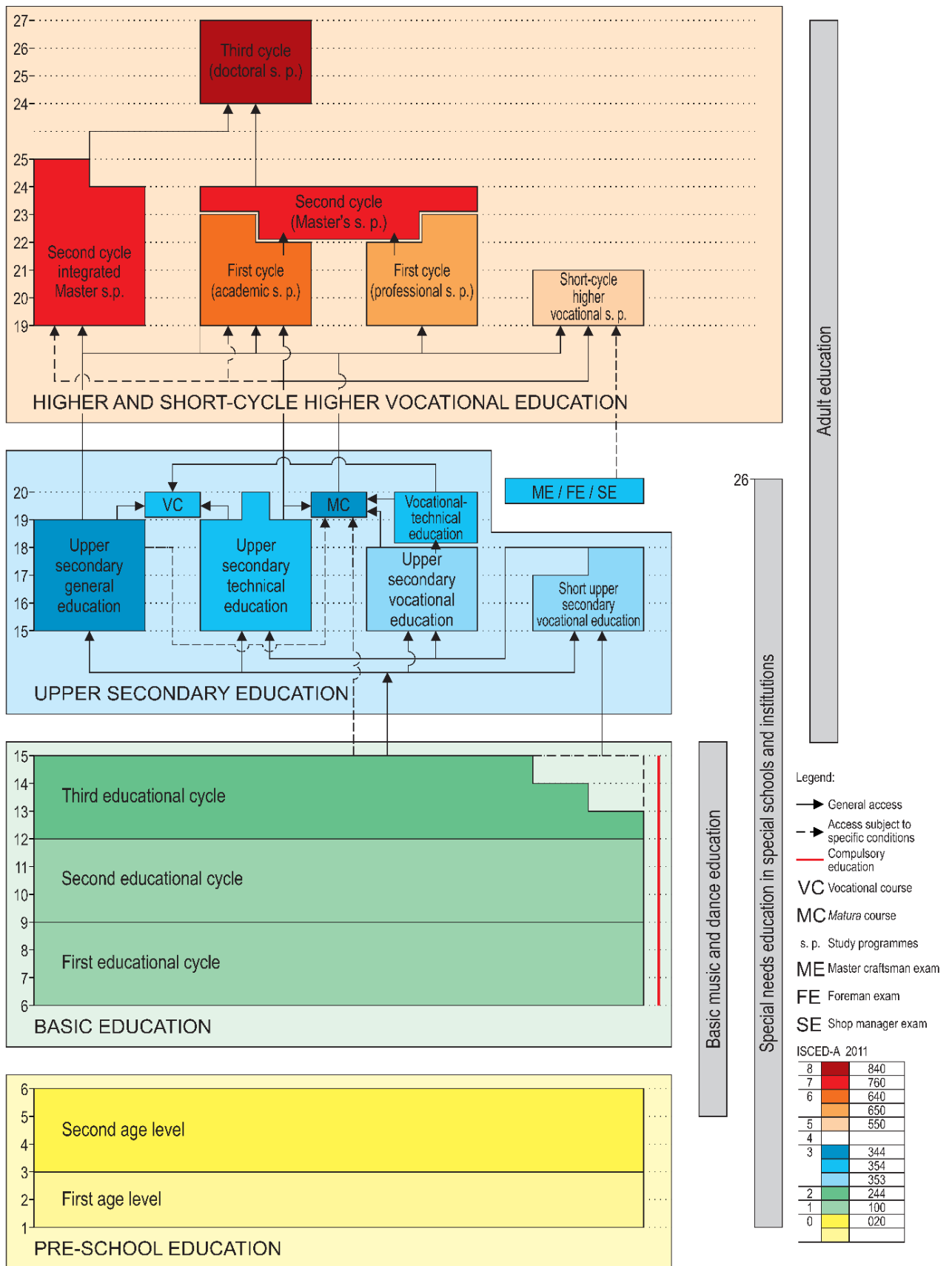
Extracurricular activities involve compulsory activities, programme-related content and electives.

FINAL EXAMINATION:

- written and oral examination of Slovenian language,
- presenting and defending a project or service (2 credits):

OTHER NOTES:

STRUCTURE OF THE EDUCATION SYSTEM IN THE REPUBLIC OF SLOVENIA



From school/academic year 2016/2017