

## 1. TITLE OF THE CERTIFICATE AND OF THE EDUCATION PROGRAMME (SL) <sup>(1)</sup>

### **Spričevalo o zaključnem izpitu po izobraževalnem programu:**

#### **ELEKTRIKAR**

Izobraževalni program z enakovrednim izobrazbenim standardom, prilagojen za gibalno ovirane dijake  
(ID: 708855)

<sup>(1)</sup> In original language.

## 2. TRANSLATED TITLE OF THE CERTIFICATE AND OF THE EDUCATION PROGRAMME (EN) <sup>(1)</sup>

### **School- leaving certificate:**

#### **ELECTRICIAN**

An educational programme with equal educational standards, adapted for physically disabled students  
(ID: 708855)

<sup>(1)</sup> This translation has no legal status.

## 3. ACQUIRED KNOWLEDGE, SKILLS AND PROFESSIONAL COMPETENCES

The holder of the certificate is qualified to:

- employ IT for design, preparation and archiving of basic documents and documentation in line with requisite instructions;
- calculate parameters and make, set and conduct measurements of basic electrical assemblies;
- connect users, provide protection, carry out measurements and basic maintenance works of electrical appliances, communication installations and equipment;
- carry out, connect and set parameters as well as repair programmes in control and relay modules;

Optional:

- connect and maintain low voltage electricity systems;
- advise on measures for efficient energy use and renewable sources of energy;
- connect, maintain and detect malfunctions and repair electric engine drives;
- make and set less complex electronic assemblies in line with submitted documentation;
- maintain electronic assemblies;
- select, collect, set up, assemble and wire sensors and measurement converters as well as conduct adjustments;
- assemble, connect and perform basic measurements, programme and test the functioning of intelligent installations;
- assemble and maintain solar and photovoltaic systems as well as heat pumps.

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:

- make, assembly and performance of basic electrical assembly measurements;
- connection of users, provision of protection, performance of measurements and basic maintenance works of electrical appliances, communication installations and equipment;
- make of installation, connection and maintenance of low voltage electrical network elements and electrical engine drives (applicants opting for the energy modules);
- make, assembly and maintenance of electronic assemblies as well as fitting of sensors and measurement of converters (applicants opting for the electronics modules).

### <sup>(1)</sup> 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>



5. OFFICIAL BASIS OF THE CERTIFICATE	
<b>Name and status of the body awarding the certificate</b>  The institution is accredited with the Ministry of Education and Sport.	<b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b>  Ministry of Education, Science and Sport Masarykova 16 SI-1000 Ljubljana <a href="http://www.mss.gov.si/">http://www.mss.gov.si/</a>
<b>Level of the certificate (national or international)</b>  Secondary vocational education European classification ISCED 3 National classification <sup>1</sup> KLASIUS-SRV: 14001 KLAIUSUS-P: 5222	<b>Grading scale</b>  5 – excellent 4 – very good 3 – good 2 – sufficient
<b>Access to next level of education/training</b>  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.	<b>International agreements</b>  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.
<b>Legal basis</b>  - Organisation and Financing of Education Act (Uradni list RS, no. 16/07 and 36/08) - Vocational and Technical Education Act (Uradni list RS, no. 79/06)	
6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE	
Time of the education	4 years
Number of credits <sup>2</sup>	180 credits
General education	54 credits
Professional education	52 credits
Practical education at the employer <sup>3</sup>	36 credits
Extracurricular activities	6 credits
Open curriculum <sup>4</sup>	30 credits
Final examination	2 credits
<b>Entry requirements</b>  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 and is in possession of a corresponding orientation decision.	
<b>Additional information</b> <ul style="list-style-type: none"> <li>- <a href="http://www.mss.gov.si/">Ministry of Education, Science and Sport (http://www.mss.gov.si/)</a>: Education programme and description of education and schooling in Slovenia</li> <li>- <a href="http://www.nrpslo.org">National Reference Point for Vocational Qualifications - NRP (http://www.nrpslo.org)</a></li> <li>- <a href="http://www.europass.si">National Europass Centre (www.europass.si)</a></li> </ul>	

<sup>1</sup> Classification system in education and training – KLASIUS (Official Journal of the Republic of Slovenia, No. 46/06) comprises two sub-systems: Classification of activity types/education and training results (KLASIUS-SRV) and Classification of activity areas/education and training results (KLASIUS-P).

<sup>2</sup> One credit equals 25 hours of candidate's work

<sup>3</sup> The individual learning contract increases the scope of workplace-based education with the employer up to 53 weeks.

<sup>4</sup> 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 (32 credits)

1. Informatics with technical communication (6 credits)
2. Making of electric circuits (6 credits)
3. Electrical appliances (8 credits)
4. Use of control devices (6 credits)
5. Making of electrical and communication installations (6 credits)

#### Optional Modules (20 credits)

6. Functioning of power systems (8 credits)
7. Connecting electric engines (6 credits)
8. Electronic assemblies (6 credits)
9. Capture and processing of process quantities (8 credits)
10. Assembly of intelligent installations (6 credits)
11. Renewable sources of energy (6 credits)

### OPEN CURRICULUM (30 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

### 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

