

1. TITLE OF THE CERTIFICATE (CZ)⁽¹⁾

**Vysvědčení o maturitní zkoušce z oboru vzdělání:
26-41-L/52 Provozní elektrotechnika (denní studium)**

⁽¹⁾ In the original language

2. TRANSLATED TITLE OF THE CERTIFICATE⁽²⁾

**Maturita Certificate in:
26-41-L/52 Electrical Engineering Operations (full-time study)**

⁽²⁾ This translation has no legal status.

3. PROFILE OF SKILLS AND COMPETENCES

General competences:

- be familiar with various methods of learning, use sources of information well, show functional literacy;
- understand assignments or identify the cores of problems, exert variable solutions, be able to work both independently and within a team;
- formulate views and attitudes verbally and in writing, communicate on elementary level in one foreign language, be motivated to extend own language competences;
- cope with changing socio-economic conditions, be financially literate; - be aware of the labour market mechanisms, and of the employee-employer relationships, act on career decisions responsibly, understand the significance of lifelong learning;
- be able to use basic mathematics and the basic principles of physics and chemistry when needed in daily situations; - work with the means of information and communication technologies, exploit adequate sources of information, handle information effectively;
- act in an environmentally-conscious manner and in compliance with strategies for sustainability;
- support values of local, national, European and world cultures, recognize the value of life;
- exert fundamentals of health protection, occupational safety, and fire prevention and safety;
- exert norms and prescriptions in the field.

Vocational competences:

- assemble and connect assemblies composed of electrical and electronic circuits;
- assemble analogue and digital electronic circuits;
- design electrical and electronic circuits using computer technology;
- debug electrical and electronic circuits;
- find out information from catalogues of wires and cables, electronic devices, electric appliances and electric machines;
- make mechanical parts of electric appliances and equipment and of different kinds of mounting devices;
- dismantle, repair and reassemble mechanisms and parts of electrical equipment, electromechanical appliances and other technical equipment;
- repair electric appliances, electric machines and electronic devices based on diagnosed values;
- be well informed about technical procedures and safety and hygiene standards;
- choose the most suitable methods of measurements on electrical and electronic devices and appliances;
- use measuring instruments to measure parameters and characteristics of electrical parts and equipment;
- analyse and evaluate results of performed measurements and record the measurements;
- plan checks, examinations and inspections of electrical and electronic devices;
- use the measured values to check and diagnose equipment, remedy its defects, put it into operation, adjust it and set it up for operation;
- create different types of electrical documentation with regard to the standards in the field of engineering graphics;
- create electrical and electronic diagrams by means of engineering graphical schemes and drawings;
- use standards, their amendments and other sources of information in dealing with electrical and electronic tasks.


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

Graduates are employed in middle management positions in work activities related to the field of electrical engineering. Examples of possible job positions: electrical engineer - foreman and electrical engineer - dispatcher. Graduates can also be employed in related positions, e.g. electrical engineer - technologist, electrical engineer - quality controller, electrical engineer for electric machines and appliances, electrical engineer for measuring instruments or in other jobs and positions in electrical engineering.

5. OFFICIAL BASIS OF THE CERTIFICATE

Name and status of the body awarding the certificate Střední odborné učiliště elektrotechnické, Plzeň, Vejprnická 56 Vejprnická 56 Plzeň 31800 CZ public school	Name and status of the national/regional authority providing accreditation/recognition of the certificate Ministry of Education, Youth and Sports Karmelitská 7 118 12 Praha 1 Czech Republic
Level of the certificate (national or international) Upper secondary education completed by the Maturita examination ISCED 354, EQF 4	Grading scale / Pass requirements 1 excellent (výborný) 2 very good (chvalitebný) 3 good (dobrý) 4 satisfactory (dostatečný) 5 fail (nedostatečný) Overall assessment:: Prospěl s vyznamenáním: Pass with Honours (the average mark is ≤ 1,5) Prospěl: Pass (an examination mark is not worse than 4) Neprospěl: Fail (the examination mark in one or more subjects is 5)
Access to next level of education / training ISCED 655/645/746, EQF 6	International agreements
Legal basis Law No. 561/2004 on Pre-school, Basic, Secondary, Post-secondary and Other Education (School Act) as amended by later regulations	

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Description of vocational education and training received	Percentage of total programme	Duration
<ul style="list-style-type: none"> • School- / training centre-based • Workplace-based • Accredited prior learning 	The ratio between theoretical education and practical training is defined by education providers themselves with regard to the respective educational programme and the employers' needs.	
Total duration of the education / training leading to the certificate		2 years / 2 048 lessons
Entry requirements Upper secondary education completed by the final examination - Apprenticeship Certificate (ISCED 353, EQF 3)		
Additional information More information (including a description of the national qualifications system) available at: www.nuv.cz and www.eurydice.org		
National Institute for Education, Education Counselling Centre and Centre for Continuing Education of Teachers – National Europass Centre Czech Republic Weilova 1271/6 102 00 Praha 10 Czech Republic		
Done at Prague for the school year 2016/2017		

(*) Explanatory note

This document is a supplement to a specific diploma/certificate. It provides additional information on competencies gained in the given field of study 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 and Decision No 2241/2004/EC of the European Parliament and of the Council of 15 December 2004 on a single Community framework for the transparency of qualifications and competences (Europass).

More information available at: <http://europass.cedefop.europa.eu>, <http://www.europass.cz>

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