

1. TITLE OF THE CERTIFICATE (CZ)⁽¹⁾

**Vysvědčení o maturitní zkoušce z oboru vzdělání:
39-41-L/02 Mechanik instalátérských a elektrotechnických zařízení (denní studium)**

⁽¹⁾ In the original language

2. TRANSLATED TITLE OF THE CERTIFICATE⁽²⁾

**Maturita Certificate in:
39-41-L/02 Mechanic for Plumbing and Electricity Facilities (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:

- work with modern instruments, working tools and devices, use mechanized hand tools;
- connect piping and electrical materials and construct distribution systems;
- carry out prescribed tests on distribution systems and facilities;
- draw up calculation of costs and budgets of simple actions;
- fit furnishing articles, appliances and set up gauges;
- understand the principles of technical production, electric power, and the genesis of electrical signals and their transmission ;
- deal with electrical circuits and equipment;
- install and connect different parts distribution system, including their elements, check the installation, retest their function and connect to resources;
- connect, put into operation, diagnose and repair equipment using the technical documentation and measurement equipment;
- provide first aid in case of electric shock;
- understand the drawings of basic building structures, read dimensional data and graphical symbols on drawings;
- work with project documentation, operational documents, engineering drawings, electrical diagrams and others technical documentation;
- read drawings, make simple sketch of the part of the construction and draw the map of distribution systems;
- perform simple calculations related to the installation of distribution systems and their facilities;
- evaluate the measured results using computer technology;
- select the most suitable measuring method to measure the distribution systems and facilities;
- measure and evaluate the measured results with use of computer technology.


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

The graduate is employed in the plumbing and electrotechnical field, in work activities on the inner plumbing and electrical wiring. Examples of possible jobs: plumber (water, sewerage, heating, gas), operation electrician, electrical engineer, electrical fitter, mechanic of measuring, regulating and automation appliances, electrician.

5. OFFICIAL BASIS OF THE CERTIFICATE

Name and status of the body awarding the certificate Střední škola polytechnická Brno, Jílová, příspěvková organizace Jílová 36g Brno 639 00 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		4 years / 4 224 lessons
Entry requirements Completed compulsory school education		
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		 stamp and signature

(*) **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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