

1. TITLE OF THE CERTIFICATE (CZ)⁽¹⁾

**Vysvědčení o maturitní zkoušce z oboru vzdělání:
23-45-L/01 Mechanik seřizovač (denní studium)**

⁽¹⁾ In the original language

2. TRANSLATED TITLE OF THE CERTIFICATE⁽²⁾

**Maturita Certificate in:
23-45-L/01 Mechanic Machine Setter (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:

- operate conventional and numerically controlled machine tools for machining of workpieces;
- adjust manufacturing machinery, equipment and lines (e.g. machining, forming) and technology-related handling equipment using the industrial and technological documentation;
- clamp tools and manufacturing equipment and adjust their position;
- create the CNC machine production programs;
- implement the modification, correction and testing of programs for CNC machines;
- introduce operators onto the service of the reconditioned production machinery, equipment and lines when performing the technological operations and instruct them in the necessary extent;
- check the size, shape and relative position of surfaces and surface quality of workpieces;
- set up working procedures, define working conditions, select instruments, tools, gauges and other work equipment for performing technological operations (including the use of appropriate software on the PC);
- distinguish machined materials according to their standardized designation, know their properties and take it into account in their treatment;
- search for information in the standards, catalogues and other information sources;
- work with a personal computer and other means of information and communication technologies.



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

The graduate is employed in the field of middle management positions in engineering, in work activities related to the adjustment, operation and maintenance of a wide range of machinery, equipment and lines.
Examples of possible jobs: metal lathe hand, miller, metal grinder, driller, NC machine operator.

5. OFFICIAL BASIS OF THE CERTIFICATE

Name and status of the body awarding the certificate Střední průmyslová škola strojnická a Střední odborná škola profesora Švejcara Plzeň Klatovská 109 Plzeň 301 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 / 4 096 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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