

1. TITLE OF THE CERTIFICATE (CZ)⁽¹⁾

**Výuční list z oboru vzdělání:
23-56-H/01 Obráběč kovů (denní studium)**

⁽¹⁾ In the original language

2. TRANSLATED TITLE OF THE CERTIFICATE⁽²⁾

**Apprenticeship Certificate in:
23-56-H/01 Metal Worker (full-time study)**

⁽²⁾ This translation has no legal status.

3. PROFILE OF SKILLS AND COMPETENCES

General competences:

- take responsibility for completion of tasks in work or study;
- adapt own behaviour to circumstances in solving problems;
- 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, work both independently and within a team;
- communicate in one foreign language at the level of at least A2+ of the Common European Framework of Reference for Languages;
- 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;
- 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 semi-products and machined workpieces on machine tools or numerically controlled machine tools, including the implementation of corrections of programs;
- set the cutting conditions of the machine tool depending on the material and shape of the workpiece materials, tools, means of clamping tool and workpieces;
- identify appropriate kind and type of machines for production on the basis of working documents, conducting its overall adjustment, operation and routine maintenance;
- select and use tools, fixture tools and workpieces, gauges and measuring equipment, auxiliary and labour equipment, according to a specific production process;
- clamp workpieces with respect to their shape and size, method of processing and requirements for dimensions, shape and positional tolerance;
- check the size, shape and relative position of surfaces, surface quality of machined and tooled parts;
- differentiate machined materials according to applicable standards, know their characteristics in terms of machinability;
- read drawings and technical documentation, use of numerical and verbal information given on the plot, search for information in the standards, make sketches of finished pieces.



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

The graduate is employed in the field of engineering and non-engineering businesses when turning, milling, grinding, drilling or machining on numerically controlled machines in the manufacturing and repair operations.
Examples of possible jobs: metal lathe operator, miller of metals, metal grinder, operator of CNC machines.

5. OFFICIAL BASIS OF THE CERTIFICATE

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|---|--|
| Name and status of the body awarding the certificate Sigmundova střední škola strojírenská, Lutín Jana Sigmunda 242 Lutín 783 49 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 final examination (Apprenticeship Certificate) ISCED 353, EQF 3 | Grading scale / Pass requirements 1 excellent (výborný) 2 very good (chvalitebný) 3 good (dobrý) 4 satisfactory (dostatečný) 5 fail (nedostatečný) <i>Overall assessment::</i> 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 354, EQF 4 | 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 | | 3 years / 3 072 lessons |
| Entry requirements Completed compulsory school education | | |
| Additional information More information (including a description of the national qualifications system) available at: EQF , EURYDICE , NPI | | |
| National Pedagogical Institute of the Czech Republic – National Europass Centre Czech Republic, Senovážné nám. 872/25, 110 00 Praha 1 | |   stamp and signature Done at Prague for the school year 2023/2024 |

(*) Explanatory note

The Certificate supplement provides additional information about the certificate and does not have any legal status in itself. Its format is based on the Decision (EU) 2018/646 of the European Parliament and of the Council of 18 April 2018 on a common framework for the provision of better services for skills and qualifications (Europass) and repealing Decision No 2241/2004/EC.

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