

1. TITLE OF THE CERTIFICATE (CZ)<sup>(1)</sup>

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

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

2. TRANSLATED TITLE OF THE CERTIFICATE<sup>(2)</sup>

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

<sup>(2)</sup> 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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| <b>Name and status of the body awarding the certificate</b><br>Sigmundova střední škola strojírenská, Lutín<br>Jana Sigmunda 242<br>Lutín<br>783 49<br>CZ<br>public school   | <b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b><br>Ministry of Education, Youth and Sports<br>Karmelitská 7<br>118 12 Praha 1<br>Czech Republic   |
| <b>Level of the certificate (national or international)</b><br><br>Upper secondary education completed by the final examination (Apprenticeship Certificate)<br><b>ISCED 353, EQF 3</b>  | <b>Grading scale / Pass requirements</b><br>1 excellent (výborný)<br>2 very good (chvalitebný)<br>3 good (dobrý)<br>4 satisfactory (dostatečný)<br>5 fail (nedostatečný)<br><i>Overall assessment::</i><br>Prospěl s vyznamenáním: Pass with Honours (the average mark is ≤ 1,5)<br>Prospěl: Pass (an examination mark is not worse than 4)<br>Neprospěl: Fail (the examination mark in one or more subjects is 5) |
| <b>Access to next level of education / training</b><br>ISCED 354, EQF 4  | <b>International agreements</b>  |
| <b>Legal basis</b><br>Law No. 561/2004 on Pre-school, Basic, Secondary, Post-secondary and Other Education (School Act) as amended by later regulations<br>Ss. 22 and 24 of the Decree No. 177/2009 Coll., on Detailed Conditions for Completing Education by the School-leaving Examination in Secondary Schools, as amended. |  |

**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"> <li>• School- / training centre-based</li> <li>• Workplace-based</li> <li>• Accredited prior learning</li> </ul>   | 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   |   | <b>3 years / 3 072 lessons</b> |
| <b>Entry requirements</b><br>Completed compulsory school education  |   |                                |
| <b>Additional information</b><br>More information (including a description of the national qualifications system) available at: <a href="http://www.npicr.cz">www.npicr.cz</a> and <a href="http://www.eurydice.org">www.eurydice.org</a><br><br><b>National Pedagogical Institute of the Czech Republic – National Europass Centre Czech Republic, Senovážné nám. 872/25, 110 00 Praha 1</b> |   |                                |



stamp and signature  
**Done at Prague for the school  
 year 2021/2022**

**(\*) 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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