

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

**Výuční list z oboru vzdělání:  
23-55-H/01 Klempíř (denní studium)**

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

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

**Apprenticeship Certificate in:  
23-55-H/01 Tinsmith (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:****Vocational competences joint for both professions (construction, engineering - part of the curriculum is specific, as shown below; specialization chosen by school according to employers requirements):**

- processing of fine sheets and profiles;
- connect fine sheets and profiles in the manufacture and repair of plumbing products;
- modify the surfaces of plumbing products and structures;
- dimensional and draw design on sheet, set developed shapes of sheet metal components and products;
- check the size and shape of metal sheet parts;
- select, adjust and operate plumbing equipment, perform maintenance and minor repair;
- prepare and organize work;
- select, use and maintain instruments, hand tools, hand power tools, measuring instruments and working equipment for processing fine metal sheets and profiles;
- distinguish types of materials used for the construction of plumbing products;
- prepare shop drawings of plumbing products.

**Vocational competences specific for mechanical plumber:**

- manufacture of engineering components of plumbing products;
- match together parts of plumbing engineering products, assemble them into systems and linking them;
- adjust and operate machinery and equipment in the production of sheet metal engineering products;
- check the dimensions and design of plumbing engineering products;
- repair the plumbing engineering products;
- ready to weld resistance spot welding (ZP 21 9 W01) and resistance seam welding (ZP 22 9 W01).

**Vocational competences specific for construction plumber:**

- manufacture the plumbing construction products and constructions, match them together assembly and join them together;
- assemble and install plumbing and building products for construction of buildings;
- manufacture, install and retrofit insulation sheathing;
- maintain and repair the plumbing metalwork, exchange of damaged parts;
- check the design and installation of plumbing products and building construction.



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

The graduate is employed (depending on the specialization completed) in the field of engineering or construction of plates and profiles, in making and repairing plumbing or construction engineering products and structures. Examples of possible jobs: mechanical plumber or construction plumber.

5. OFFICIAL BASIS OF THE CERTIFICATE

<b>Name and status of the body awarding the certificate</b> Střední škola strojní, stavební a dopravní, Liberec II, Truhlářská 360/3, příspěvková organizace Truhlářská 360/3 Liberec II 46001 CZ public school	<b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b> Ministry of Education, Youth and Sports Karmelitská 7 118 12 Praha 1 Czech Republic
<b>Level of the certificate (national or international)</b> Upper secondary education completed by the final examination (Apprenticeship Certificate) <b>ISCED 353, EQF 3</b>	<b>Grading scale / Pass requirements</b> 1 excellent (výborný) 2 very good (chvalitebný) 3 good (dobrý) 4 satisfactory (dostatečný) 5 fail (nedostatečný) <b>Overall assessment::</b> 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)
<b>Access to next level of education / training</b> ISCED 354, EQF 4	<b>International agreements</b>
<b>Legal basis</b> 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"> <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> Completed compulsory school education		
<b>Additional information</b> More information (including a description of the national qualifications system) available at: <a href="http://www.nuv.cz">www.nuv.cz</a> and <a href="http://www.eurydice.org">www.eurydice.org</a>		
<b>National Institute for Education, Education Counselling Centre and Centre for Continuing Education of Teachers – National Europass Centre Czech Republic</b> Weilova 1271/6 102 00 Praha 10 Czech Republic		
<b>Done at Prague for the school year 2018/2019</b>		  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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