

1. TITLE OF THE CERTIFICATE (CZ)⁽¹⁾

**Výuční list z oboru vzdělání:
36-52-H/01 Instalatér (denní studium)**

⁽¹⁾ In the original language

2. TRANSLATED TITLE OF THE CERTIFICATE⁽²⁾

**Apprenticeship Certificate in:
36-52-H/01 Plumber (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:

- install, repair, and maintain utility lines for hot and cold water, sewage, heating and gas, including the installation of fittings, fixtures, boilers, appliances, pressure regulation equipment and mounting of meters;
- assemble and connect segments of pipe by gluing, welding, soldering, and pressing;
- repair damaged and defective piping, select the manner and process of repair;
- insulate and anchor internal pipes;
- test pipes to ensure they are watertight;
- test gas lines;
- manually produce metal and select non-metal materials;
- mark the routes of interior utility lines;
- use materials based upon knowledge of their attributes, use them economically;
- work with tools, work aids, and devices used in pipe-fitting work, use mechanized manual tools;
- select work processes for the installation of piping;
- work with design documentation, operational documents and other technical documentation;
- be knowledgeable of current legal regulations and use them;
- read construction plans, prepare simple drawings for parts of buildings and draw pipelines;
- prepare cost calculations and budgets for the installation of piping and accessories;
- prepared for oxy-acetylene torch welding (ZK 311 W 01), plastic polyfusion (ZK 15 P 2) and butt welding (ZK 11 P 2, 3), hard copper soldering (ZP 912 - 9 W 31), soft copper soldering (ZP 942 - 8 W 31).

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


Graduates are employed in the construction industry in the installation, repair, and maintenance of interior utility lines for hot and cold water, sewage, heating and gas, including the installation of fittings, fixtures, and appliances. They may even be employed in the installation of ventilation and heating systems.

Examples of possible job positions include: plumber, heating engineer, interior water line and sewage installer, gas line and equipment installer.

5. OFFICIAL BASIS OF THE CERTIFICATE

Name and status of the body awarding the certificate Česká zemědělská akademie v Humpolci, střední škola Školní 764 Humpolec 396 01 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 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"> • 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: www.npicr.cz and www.eurydice.org		
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 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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