europass

EUROPASS CERTIFICATE SUPPLEMENT (*)

1. TITLE OF THE CERTIFICATE (CZ)(1)

Výuční list z oboru vzdělání:
23-51-H/01 Strojní mechanik (denní studium)

(1) In the original language

2. TRANSLATED TITLE OF THE CERTIFICATE(2)

Apprenticeship Certificate in:
23-51-H/01 Machine Mechanic (full-time study)

(2) This translation has no legal status.

3. PROFILE OF SKILLS AND COMPETENCES

General competences:

- master different ways of learning and take responsibility for the development of one's own potential in a lifelong perspective;
- understand tasks or identify the core of a problem, apply various solutions, work independently and in a team;
- apply reading literacy skills to work effectively with information and to evaluate texts;
- communicate in one foreign language at least at A2+ level according to the Common European Framework of Reference for Languages (CEFR);
- apply basic scientific, technical, IT and mathematical knowledge, skills and procedures in practical contexts and in solving problems in various areas of life;
- work safely with digital technologies and their software, and keep up with their development;
- search for, process and critically evaluate information, use algorithmic thinking, communicate and collaborate in online environments, and create digital content and simple models;
- understand the basic principles of information systems, analyse their structure and functions;
- be well versed in different social and value systems, as well as social, political, legal and economic processes of everyday life, and demonstrate financial and media literacy;
- adapt to changing social, economic and technological conditions, and make responsible economic decisions;
- strive for the highest quality of one's own work, services and products in accordance with technological procedures and quality standards;
- observe the principles of occupational health and safety, and fire protection.

Vocational competences:

- assemble, disassemble and repair machinery, machine equipment, and metal constructions;
- carry out minor repairs of replacement parts, even if this involves simple machining operations and heat treatment;
- inspect the technical condition of given equipment and ensure its operation;
- establish technological work processes in the repair of machinery and equipment;
- measure and inspect the performance parameters of machinery and equipment, perform functional tests, prepare protocols for these measurements and tests, and present users with repaired equipment;
- manage, monitor and inspect the performance of machinery and equipment;
- install machinery and equipment on site, start up machine operations and make necessary adjustments;
- keep prescribed documentation of the operation of equipment, its technical condition, defects, and repairs;
- produce drawings for the modification or manufacture of spare parts, propose suitable materials and semi-finished goods for such manufacture;
- work with engineering diagrams, schematics, standards, and other technical documentation;
- be prepared to take the exam covering the basic course in oxy-acetylene welding and the basic course in arc welding (with a coated electrode or a consumable electrode in an inert gas).

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

Graduates are employed in the field of mechanical engineering in the production and assembly of individual parts and complete assemblies of various machinery, equipment and structures, in their operational start up, routine maintenance, diagnostic testing of defects, and their repair. Graduates may also be employed in the repair and maintenance of machinery and equipment in non-engineering sectors.
Examples of possible job positions include: operational fitter and installer, machine fitter, building fitter, agricultural machinery fitter, mining fitter, fitter of rail structures and vehicles, steel structure installer, rotating equipment fitter, pipe and boiler installer, inspector of machined products.

5. OFFICIAL BASIS OF THE CERTIFICATE

Name and status of the body awarding the certificate	**Name and status of the national/regional authority providing accreditation/recognition of the certificate**
Střední průmyslová škola strojní a stavební, Tábor Komenského 1670 Tábor 390 02 CZ public school	Ministry of Education, Youth and Sports Karmelitská 7 118 12 Praha 1 Czech Republic

Level of the certificate (national or international)	**Grading scale / Pass requirements**	
Upper secondary education completed by the final examination (Apprenticeship Certificate) **ISCED 353, EQF 3**	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	**International agreements**
ISCED 354, EQF 4	

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**
School- / training centre-based	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.	
Workplace-based		
Accredited prior learning		
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 2025/2026

(*)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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