europass

EUROPASS CERTIFICATE SUPPLEMENT (*)

Czech Republic

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:

- 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:

- 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;
- prepared to weld using electric arc welding with covered electrode (ZK 111 W01) or metal active gas (MAG) arc welding (ZK 135 W01) and oxy-acetylene torch welding (ZK 311 W01).

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
Střední odborná škola průmyslová a Střední odborné učiliště strojírenské
Lidická 4
Prostějov
796 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)
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
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
• 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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