

1. TITLE OF THE CERTIFICATE (CZ)⁽¹⁾

**Vysvědčení o maturitní zkoušce z oboru vzdělání:
21-43-L/01 Hutník operátor - zaměření na technologickou oblast hutního tváření kovů
(denní studium)**

⁽¹⁾ In the original language

2. TRANSLATED TITLE OF THE CERTIFICATE⁽²⁾

**Maturita Certificate in:
21-43-L/01 Metallurgist Operator - Metallurgical Metal Forming (full-time study)**

⁽²⁾ This translation has no legal status.

3. PROFILE OF SKILLS AND COMPETENCES

General competences:

- 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 B1 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:

- move safely in metallurgical plants, perform routine operating activities in metallurgical plants;
- control ongoing technological processes using modern elements of information technologies, monitor and check their course and outcome, and perform necessary adjustments and corrections;
- monitor readings of control instruments and indicators;
- control the taking of samples for laboratory purposes;
- distinguish, sort and designate metallurgical and cast materials;
- distinguish between equipment and machinery used to produce ferrous metals and non-ferrous metals;
- distinguish between equipment and machinery used for metallurgical metal-forming and in powder metallurgy;
- cooperate during repairs of metallurgical equipment and machinery;
- maintain operating logs;
- operate handling and manipulation devices;
- know functions of basic machine components, machines, machinery and mechanisms;
- read technical drawings, operating instructions and other technical documents, know the relevant terminology;
- acquire professional education and training needed to pass an exam before a commissioner, i.e. within scope of Course ZP 311 2 W01;
- adjust and operate metallurgical equipment and machinery used to form metals;
- adjust metallurgical equipment and machinery for powder metallurgy;
- control equipment and machinery used to prepare metallurgical semi-finished products and to process billets;
- control rolling and drawing mills; control forging equipment and machinery;
- control the operation of hardening, annealing and reheating furnaces;
- control the operation of equipment and machinery in plants processing metallurgical products;
- control auxiliary equipment and machinery of metal-forming plants;
- check and sort rolled products.



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

The graduate can find employment in the field of metallurgy, inworking activities involving control and operation of equipment and machinery used to produce and subsequently process or treat metals. Examples of possible job positions: metallurgical technician-dispatcher, metallurgical technician-metallurgist, metallurgical technician-foreman, metallurgical technician-standard-setter, metallurgical technician-operator, metallurgical technician-designer, metallurgical technician-quality management.

5. OFFICIAL BASIS OF THE CERTIFICATE

Name and status of the body awarding the certificate Střední odborná škola Tříneckých železáren Lánská 132 Kanada, Třinec 739 61 CZ private 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 Maturita examination ISCED 354, EQF 4	Grading scale Result in the general section – success rate in % Czech language and literature, foreign language: more than 87 % to 100 % excellent - 1 more than 73 % to 87 % commendable - 2 more than 58 % to 73 % good - 3 44 % to 58 % sufficient - 4 0 % and less than 44 % insufficient - 5 Mathematics and Advanced Mathematics: more than 85 % to 100 % excellent - 1 more than 67 % to 85 % commendable - 2 more than 49 % to 67 % good - 3 33 % to 49 % sufficient - 4 0 % and less than 33 % insufficient - 5
Access to next level of education / training ISCED 655/645/746, EQF 6 and EQF 7 (EQF7 only for Long first degree programmes at Master's)	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)
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.	International agreements

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		4 years / 4 096 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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