

1. TITLE OF THE CERTIFICATE (DE) ⁽¹⁾
Lehrabschlussprüfungszeugnis Metalltechnik – Maschinenbautechnik
⁽¹⁾ in original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN) ⁽²⁾
Certificate of Apprenticeship ‘Metal Technology specialising in Mechanical Engineering’ (f/m)
⁽²⁾ This translation has no legal status.

3. PROFILE OF SKILLS AND COMPETENCES
<p>Basic and main module:</p> <ul style="list-style-type: none"> • manufacture of specialist workpieces and components taking the prescribed standards related to fits into account as well as of shaft connections to transmit torques • production of sketches, single part and assembly drawings by using CAD • programming and operation of computer-based (CNC) machine tools • production, assembly, fitting and mounting of components, machines, devices, equipment and structures according to instructions and plans, also in conjunction with mechanical, pneumatic and hydraulic systems • disassembly, maintenance and servicing of components, machines, devices, equipment and structures, also in conjunction with mechanical, pneumatic and hydraulic systems • systematic search, localisation and elimination of faults, defects and failure to components, machines, devices, equipment and structures, also in conjunction with mechanical, pneumatic and hydraulic systems • collection and documentation of technical data on the workflow and the results of work • performance of the work taking into consideration relevant safety regulations, standards, environmental and quality standards • appropriate written and oral command of language and specialist terminology as well as use of job-related foreign language <p>Training courses in one of the following special modules can be provided in addition to the basic and main module, with the aim of offering more in-depth know-how and specialisation.</p> <p>Special module in automation technology:</p> <ul style="list-style-type: none"> • installation, commissioning and testing of measuring technology facilities, parts and components in control and feedback control systems and of pneumatic and hydraulic parts and components for machinery and plants • systematic search, localisation and elimination of faults, defects and failures on measuring technology facilities, parts and components in control and feedback control systems and of pneumatic and hydraulic parts and components for machinery and plants • maintenance and servicing of measuring technology facilities, parts and components in control and feedback control systems and of pneumatic and hydraulic parts and components for machinery and plants • programming and parameterising of programmable controllers on machinery and plants • provision of advisory services to customers about issues related to automation <p>Special module in construction technology:</p> <ul style="list-style-type: none"> • application of computer-based drawing and construction (CAD, CAM) • implementation of specialist calculations using formulas, tables and computing apparatus • preparation of technical documents such as parts lists, documentations, test plans, control plans, tooling diagrams, etc. by applying computer-based systems • application of construction systems and elaboration of functional solutions • construction and drawing of e.g. parts, assemblies, devices, machinery, installations and components • provision of advisory services to customers in issues related to the construction of metal products <p>Special module in process and manufacturing technology:</p> <ul style="list-style-type: none"> • cooperation in the implementation of the company’s manufacturing management system • application of methods for process assessment and continuous process and quality improvement • recording, evaluation and assessment of process and quality data as well as introduction of corrective measures if need arises • computer-based documentation of manufacturing and process steps • cooperation in the organisation and execution of projects

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE ⁽³⁾

Range of occupations:

Employment including in industrial enterprises of different sectors, small and medium-sized companies of the machine, apparatus and plant construction industry, as well as in transport companies, energy supply companies

⁽³⁾ if applicable

(*) Explanatory note

This document has been developed with a view to providing additional information on individual certificates; it has no legal effect in its own right. These explanatory notes refer to 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).

More information on Europass is available at: <http://europass.cedefop.europa.eu> or www.europass.at

5. OFFICIAL BASIS OF THE CERTIFICATE

Name and status of the body awarding the certificate

Lehrlingsstelle der Wirtschaftskammer

(Apprenticeship Office of the Economic Chamber; for the address, see certificate)

Name and status of the national/regional authority providing accreditation/recognition of the certificate

Bundesministerium für Arbeit und Wirtschaft
(Federal Ministry of Labour and Economy)

Level of the certificate (national or international)

NQF/EQF 4
ISCED 35

Grading scale / Pass requirements

Overall performance:
Pass with Distinction
Good Pass
Pass
Fail

Access to next level of education/training

Access to the *Berufsreifeprüfung* (i.e. certificate providing university access for skilled workers) or a vocational college for people under employment.

Access to relevant courses at a *Fachhochschule* (i.e. university level study programme of at least three years' duration with vocational-technical orientation); additional examinations must be taken if the educational objective of the respective course requires it.

International agreements

Between Germany, Hungary, South Tyrol and Austria, international agreements on the mutual automatic recognition of apprenticeship-leave examinations and other vocational qualifications have been concluded. More information on this topic may be obtained at the Austrian Federal Ministry of Labour and Economy.

Legal basis

1. Training Regulation and Examination Regulation for Metal Technology BGBl. II (Federal Law Gazette) No. 148/2011 last amended by BGBl. II (Federal Law Gazette) No. 149/2018 (company-based training)
2. Curriculum framework (education at the vocational school for apprentices)
3. The apprenticeship Metal Technology has been set up as a modular apprenticeship. Following the basic and main module, there exists the option to provide training in a special module (see 3. profile of skills and competences) or an additional main module. Apprentices can select the additional main modules Vehicle Construction Engineering, Steel Engineering, Toolmaking Technology and Machining. Information about the modules is provided in the Certificate of Apprenticeship.

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

1. Training within the framework of the given Training Regulation for Metal Technology and of the curriculum of the vocational school for apprentices. Admission to the final apprenticeship examination upon completion of the apprenticeship period specified for the apprenticeship trade concerned. The final apprenticeship examination aims to establish whether the apprentice has acquired the skills and competences required for the respective apprenticeship trade and is able to carry out the activities particular to the learned trade herself/himself in an appropriate manner.
2. Admission to the final apprenticeship examination in accordance with Article 23 (5) of the *Berufsausbildungsgesetz* (Vocational Training Act). An applicant for an examination is entitled to sit the final apprenticeship examination without completing a formal apprenticeship training if she/he has reached 18 years of age and is able to prove acquisition of the required skills and competences by means of a relevant practical or an on-the-job training activity of appropriate length, by attending relevant courses etc.

Additional information:

Entry requirements: successful completion of 9 years of compulsory schooling

Duration of training: Basic module and main module: 3.5 years; basic module, main module and special module/additional main module: 4 years

Enterprise-based training: Enterprise-based training comprises $\frac{4}{5}$ of the entire duration of the training and focuses on the provision of job-specific skills and competences according to Article 3 of the Training Regulation, BGBl. II (Federal Law Gazette) No. 148/2011 last amended by BGBl. II (Federal Law Gazette) No. 149/2018, enabling the apprentice to exercise qualified activities as defined by the profile of skills and competences specified above.

Education at vocational school: School-based education comprises $\frac{1}{5}$ of the entire duration of the training. The vocational school for apprentices has the tasks of imparting to apprentices the basic theoretical knowledge, of supplementing their enterprise-based training and of widening their general education within the framework of subject-oriented part-time instruction.

More information (including a description of the national qualification system) is available at: www.zeugnisinfo.at and www.edusystem.at

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