

**1. TITLE OF THE CERTIFICATE (DE) <sup>(1)</sup>**

**Lehrabschlussprüfungszeugnis Elektrotechnik –  
Automatisierungs- und Prozessleittechnik**

<sup>(1)</sup> in original language

**2. TRANSLATED TITLE OF THE CERTIFICATE (EN) <sup>(2)</sup>**

**Certificate of Apprenticeship  
“Electrical Engineering specialising in Automation and Process Control  
Engineering” (f/m)**

<sup>(2)</sup> This translation has no legal status.

**3. PROFILE OF SKILLS AND COMPETENCES**
**Specialist areas of competence:**
**Basic module**

- Basics of electrical engineering
- Electrical systems and machines
- Automation and systems engineering

**Main module ‘Automation and Process Control Engineering’**

The field of activity of the specialist in electrical engineering specialising in automation and process control engineering includes the assembly, configuration, testing, documentation and commissioning of measurement, control and regulation technology as well as automation and process control systems and the associated systems for machines or production plants. These include, for example, machine tools and production machines, conveyor systems, packaging and robot systems, production and assembly lines and storage systems. He/she is also responsible for modifying and expanding measurement, control and regulation technology as well as automation and process control systems.

In addition, the specialist is responsible for ongoing maintenance, as well as the systematic localisation, detection and rectification of faults, defects and malfunctions.

In order to carry out his/her work professionally, the specialist reads electrical drawings and plans, and handles many types of hand tools, hand-held machines and measuring devices. In doing so, he/she pays particular attention to ensure compliance with safety regulations and safety standards.

His/her tasks also include setting up, testing and documenting protective measures to prevent personal injury and damage to property. In this way, the specialist makes a significant contribution to safety in companies.

Training courses in following special module can be provided in addition to the basic and main module, with the aim of offering more in-depth know-how and specialisation.

**Special module ‘Network Technology’**

The specialist in electrical engineering specialising in network technology is involved in setting up, testing, documenting and commissioning industrial networks (taking into account environmental and infrastructural requirements) as well as integrating components (e.g. machines, visualisation systems, sensors, actuators). He/she also makes modifications and extensions to industrial networks.

He/she is also responsible for the technical support of industrial networks and their components. This includes ongoing maintenance as well as the systematic localisation, detection and rectification of faults, defects and malfunctions.

**Interdisciplinary areas of competence:**

- Working in an operational and professional environment
- Quality oriented, safe and sustainable work
- Digital work

**4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE <sup>(3)</sup>**

**Range of occupations:**

Employment including in enterprises of the crafts, trades and industry of all sectors, especially of machine and plant construction as well as in maintenance and service enterprises

<sup>(3)</sup> 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) no. 2018/646 of the European parliament and the Council of 2 May 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](http://www.europass.at)

**5. OFFICIAL BASIS OF THE CERTIFICATE**

<b>Name and status of the body awarding the certificate</b>	<b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b>
Lehrlingsstelle der Wirtschaftskammer  (Apprenticeship Office of the Economic Chamber; for the address, see certificate)	Bundesministerium für Arbeit und Wirtschaft (Federal Ministry for Labour and Economy)
<b>Level of the certificate (national or international)</b>	<b>Grading scale / Pass requirements</b>
NQF/EQF 4 ISCED 35	Overall performance: Pass with Distinction Good Pass Pass Fail
<b>Access to next level of education/training</b>	<b>International agreements</b>
Access to the <i>Berufsreifeprüfung</i> (i.e. certificate providing university access for skilled workers) or a vocational college for people under employment. Access to relevant courses at a <i>Fachhochschule</i> (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.	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. Information on equivalent apprenticeship occupations can be obtained from the Federal Ministry for Labour and Economy.
<b>Legal basis</b>	
<ol style="list-style-type: none"> <li>1. Training Regulation for Electrical Engineering BGBl. II (Federal Law Gazette) No. 386/2023 (company-based training)</li> <li>2. Curriculum framework (education at the vocational school for apprentices)</li> <li>3. The present apprenticeship trade replaces the apprenticeship trade Electrical Engineering (Training and Examination Regulation BGBl. II (Federal Law Gazette) No. 195/2010 as amended by BGBl. II (Federal Law Gazette) No. 148/2018), which expires as of 31 of December 2024.</li> <li>4. The apprenticeship Electrical Engineering 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. The additional main modules are Power Engineering as well as Plant and Industrial Engineering. Information about the modules is provided in the Certificate of Apprenticeship.</li> </ol>	

**6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE**

1. Training in the framework of the given Training Regulation for Electrical Engineering 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: 4 years; basic module and two main modules: 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. 386/2023, enabling the apprentice to exercise qualified activities as defined by the profile of skills and competences specified above (cf. job profile).

**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 in the framework of subject-oriented part-time instruction.

**More information** (including a description of the national qualification system) is available at:

[www.zeugnisinfo.at](http://www.zeugnisinfo.at) and [www.edusystem.at](http://www.edusystem.at)

**National Europass Center:** [europass@oead.at](mailto:europass@oead.at)

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