

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

**Lehrabschlussprüfungszeugnis Konstrukteur/Konstrukteurin –  
Maschinenbautechnik**

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

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

**Certificate of Apprenticeship " technical designer specialising in  
mechanical engineering " (f/m)**

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

**3. PROFILE OF SKILLS AND COMPETENCES**

- Application of the information technologies such as CAD, networks, Internet, Intranet, as well as databases
- Project-oriented work on the basis of know-how and skills in project and quality management
- Surveying of models and production of sketches
- Production of standardised drawings of specialist components, modules and units related to machine engineering technology in front view, top view, side view, end view, rear view, isometric view and projections
- Performance of subject-specific calculations
- Application of design system and the technology of machine engineering technology, and problem-solving skills
- Designing of machinery, equipment, plants and plant components
- Selection of materials on the basis of specific requirements
- Control of manufacturing process and planning/scheduling of appointments
- Commissioning and optimisation of designed machinery
- Production of subject-specific documentation
- Sales talks with customers and talks with suppliers
- Appropriate written and oral command of language and mode of expression as well as use of job-related foreign language

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

Employment in industrial enterprises of various sectors and in medium-sized and large enterprises of machine, apparatus and plant construction.

**Pursuit of regulated professions on a self-employed basis:**

Qualifications pursuant to the 1994 *Gewerbeordnung* (Crafts, Trade, Service and Industry Act): The crafts, services and trades regulated on the basis of the 2002 Amendment to the *Gewerbeordnung* are subject to the provisions of the *Gewerbeordnung* on the furnishing of certificates of competency as contained in the respective regulations. Final apprenticeship examinations completed successfully replace, in particular, those parts of the master craftsperson examination which relate to subject-specific skills and competences in the various crafts and trades.

<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) 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](http://www.europass.at)

<b>5. OFFICIAL BASIS OF THE CERTIFICATE</b>	
<b>Name and status of the body awarding the certificate</b> Lehrlingsstelle der Wirtschaftskammer (Apprenticeship Office of the Economic Chamber; for the address, see certificate)	<b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b> Bundesministerium für Arbeit und Wirtschaft (Federal Ministry of Labour and Economy)
<b>Level of the certificate (national or international)</b> EQF/NQF 4 ISCED 35	<b>Grading scale / Pass requirements</b> Overall performance: Pass with Distinction Good Pass Pass Fail
<b>Access to next level of education/training</b> Access to the <i>Berufsreifeprüfung</i> (i.e. certificate providing university access for skilled workers), a bridge course, or a VET college for people in employment. Access to 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.	<b>International agreements</b> International agreements on the mutual recognition of apprenticeship trades have been concluded between Germany, Hungary, the South Tyrol and Austria. More information on this topic may be obtained at the Austrian Federal Ministry of Labour and Economy.
<b>Legal basis</b> 1. Training Regulation and Examination Regulation for Technical Designer BGBl. II (Federal Law Gazette) No. 102/08 (enterprise-based training) 2. Curriculum framework (education at the vocational school for apprentices) 3. The present apprenticeship trade replaces the apprenticeship trade Technical Designer (Training and Examination Regulation BGBl. II [Federal Law Gazette] No. 305/03, which expired as of 31 March 2008.	

<b>6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE</b>
<p>1. Training in the framework of the given Training Regulation for Technical Designer 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.</p> <p>2. Admission to the final apprenticeship examination in accordance with Article 23 (5) of the <i>Berufsausbildungsgesetz</i> (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.</p>
<p><b>Additional information:</b></p> <p><b>Entry requirements:</b> successful completion of 9 years of compulsory schooling</p> <p><b>Duration of training:</b> 4 years</p> <p><b>Company-based training:</b> Enterprise-based training comprises 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. 102/08, enabling the apprentice to exercise qualified activities as defined by the profile of skills and competences specified above.</p> <p><b>Education at vocational school:</b> School-based education comprises 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.</p> <p><b>More information (including a description of the national qualification system) is available at:</b> at <a href="http://www.edusystem.at">http://www.edusystem.at</a></p> <p><b>National Europass Center:</b> <a href="mailto:europass@oead.at">europass@oead.at</a> Ebendorferstraße 7, A-1010 Wien; Tel. + 43 1 53408-684 or 685</p>