

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

**Lehrabschlussprüfungszeugnis Gießereitechnik – Eisen- und Stahlguss**

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

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

**Certificate of Apprenticeship “Foundry Technology specialising in Iron and Steel Casting” (f/m)**

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

**3. PROFILE OF SKILLS AND COMPETENCES**

- production of moulds and cores on the basis of different moulding processes
- casting of moulds and preparation of the casting process
- examination and preparation of patterns and maintenance of pattern equipment
- processing and application of mould and core coatings; assembly of moulds, insertion of cores and implementation of the last steps (cleaning, cramping, weighing down) for moulds,
- setup, startup and operation of company-specific production plants
- emptying of moulds and implementation of measures to remove cores
- finishing of cast pieces such as by blasting, cleaning, polishing, deburring
- implementation of measures to remedy casting defects
- performance of material-specific cutting, module and feeder calculations
- preparation of drawings in line with casting conditions
- cooperation in the maintenance, care and servicing of company-specific machinery, apparatus and installations
- cooperation in the supervision and control of sand cycles
- cooperation in melting, melt treatment and melt supervision of cast iron and steel alloys
- implementation of special heat and subsequent treatment methods for iron and steel casting
- implementation of production and quality assurance measures as well as analysis and assessment of casting defects
- performance of the work taking into consideration relevant safety regulations, standards, environmental and quality standards
- 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 small and medium-sized enterprises of the foundry trade and in large companies of the foundry industry.

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

Qualifications pursuant to the 1994 *Gewerbeordnung* (Crafts, Trade and Industry Act): The crafts and trades regulated on the basis of the Crafts, Trade and Industry Act are subject to the provisions contained in the ordinances on the certificates of competence regarding the furnishing of certificates of competence for the self-employed exercising of a craft or trade. Final apprenticeship examinations that have been completed successfully shall replace, in particular, those parts of the master craftsperson examination which refer to subject-specific skills and knowledge related to the various crafts and trades.

<sup>(3)</sup> if applicable

**(\*) Explanatory note**

This document is designed to provide additional information about the specified certificate and does not have any legal status in itself. 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.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> <i>Lehrlingsstelle der Wirtschaftskammer</i> (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) or a VET college for people under 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 Foundry Technology BGBl. II (Federal Law Gazette) No. 194/10 (enterprise-based training) 2. Curriculum framework (education at the vocational school for apprentices)	

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE
1. Training in the framework of the given Training Regulation for Foundry 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.
<b>Additional information:</b> <b>Entry requirements:</b> successful completion of 9 years of compulsory schooling <b>Duration of training:</b> 4 years <b>Enterprise-based training:</b> 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. 194/10, enabling the apprentice to exercise qualified activities as defined by the profile of skills and competences specified above. <b>Education at vocational school:</b> 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. <b>More information (including a description of the national qualifications system) available at:</b> <a href="http://www.bildungssystem.at">www.bildungssystem.at</a> ; <a href="http://www.zeugnisinfo.at">www.zeugnisinfo.at</a> <b>National Europass center:</b> <a href="mailto:europass@oead.at">europass@oead.at</a> <b>National reference point:</b> <a href="mailto:info@zeugnisinfo.at">info@zeugnisinfo.at</a>