

1. TITLE OF THE CERTIFICATE (DE) ⁽¹⁾

Lehrabschlussprüfungszeugnis Werkstofftechnik – Werkstoffprüfung

⁽¹⁾ in original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN) ⁽²⁾

Certificate of Apprenticeship “Materials Technology – Materials Testing” (f/m)

⁽²⁾ This translation has no legal status.

3. PROFILE OF SKILLS AND COMPETENCES

Basic and main module:

- implementation of sampling and preparation and production of samples
- calculation of physical and chemical measurement results
- presentation of measurement results in test reports
- examining, adjusting and calibrating measuring equipment and measuring devices
- preparation, implementation and evaluation of physical and technical tests and test series on the materials to be tested
- determination of the properties and behaviour of materials with destructive and non-destructive behaviour
- operation and monitoring of physical and technical apparatus and installations
- performance of the work taking into consideration relevant safety regulations, norms, safety and environmental standards
- appropriate written and oral command of language and mode of expression as well as use of job-related foreign language

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

Special module "Heat Treatment":

- operation and control of machinery and installations
- planning, implementation and control of preparation and follow-up tasks
- selection, use and application of appropriate technologies and procedures for the heat treatment process, including necessary preparation and follow-up processes
- provision of advisory services to customers about the use and application of heat treatment techniques
- application of quality assurance measures throughout the entire process
- testing and documentation of the workflow and obtained results

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

Range of occupations:

Employment in enterprises of the steel industry and the metal-processing industry, in enterprises of the plastics, electrical, machinery and vehicle construction industry, or in craft enterprises conducting heat treatment for other companies.

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 craftsman examination which relate to subject-specific skills and competences in the various crafts and trades.

⁽³⁾ 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.europa.eu> or <http://www.europass.at/>

| 5. OFFICIAL BASIS OF THE CERTIFICATE | |
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| 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) EQF/NQF 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 technical and vocational college for people in employment. Access to 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 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. |
| Legal basis 1. Training Regulation and Examination Regulation for Materials Technology BGBl. II (Federal Law Gazette) No. 64/08 (enterprise-based training) 2. Curriculum framework (education at the vocational school for apprentices) 3. The present apprenticeship trade replaces the apprenticeship trades Materials Tester (Training and Regulation BGBl. [Federal Law Gazette] No. 276/73, last amended by BGBl. II Nr. 177/05 and Examination Regulation BGBl. II Nr. 577/74, as amended by BGBl. Nr. 355/76) and Heat Treatment Engineering (Training and Examination Regulation BGBl. II [Federal Law Gazette] No. 272/02, as amended by BGBl. Nr. 177/05) which expired as of 30 June 2008. 4. The apprenticeship "Materials 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. Apprentices can select the special module "Heat Treatment". Information about the main and special modules is provided in the Certificate of Apprenticeship. | |

| 6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE |
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| 1. Training in the framework of the given Training Regulation for Materials 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 years; basic module, main module and special module/additional main module: 3 ½ years Company-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. 64/08, 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 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: http://www.certificate.at and http://www.bmbwf.gv.at National reference point: info@zeugnisinfo.at National Europass Center: europass@oead.at |