



1. TITLE OF THE CERTIFICATE (DE) (1)

**Abschlussprüfung im staatlich anerkannten Ausbildungsberuf
Werkstoffprüfer und Werkstoffprüferin in der Fachrichtung Systemtechnik**

(1) in original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)(1)

**Final examination in the state-recognized training occupation Materials tester specialising
in systems technology**

(1) This translation has no legal status.

3. PROFILE OF SKILLS AND COMPETENCES

- Check the condition of components installed in plants or technical systems either on site or in production and maintenance departments using both destructive and non-destructive test procedures
- Plan, organise and coordinate test orders including identification of and compliance with the relevant standards and regulations applicable to the testing venue, testing plans, company provisions and spatial circumstances
- Coordinate testing preparations and execution with customers, auditors, test supervisory staff and colleagues with the aim of integrating the test into operational processes with as little disturbance as possible
- Plan and set up test workplaces including necessary auxiliary equipment and safety precautions according due consideration to health and safety at work and health protection regulations relevant to the venue and to company circumstances
- Optimise testing conditions by selecting suitable auxiliary equipment
- Take specific requirements of the procedures and materials into account
- Check, calibrate and maintain testing and auxiliary equipment
- Record, document and analyse test results and characterise indications
- Compare deviations identified and errors with error catalogues and testing standards with defined errors
- Evaluate test results in agreement with the test supervisory staff
- Present and give reasons for test results to test supervisory staff, auditors and customers
- Work as part of a team.

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE (1)

Materials testers specialising in systems technology work for service sector companies or companies which conduct tests at changing locations in Germany and abroad. Typical fields of deployment are cross-branch service companies, companies operating in the chemical and petrochemical industry, vehicle construction companies, engineering companies, shipbuilding companies, manufacturers and operators of power stations and wind farms, companies in the aviation and aerospace sector, construction companies and companies that manufacture materials and product forms.

(1) if applicable

(*) **Explanatory notes**

This document is designed to provide additional information about the specified certificate and does not have any legal status in itself. The format of the description is based on the following texts: Council Resolution 93/C 49/01 of 3 December 1992 on the transparency of qualifications, Council Resolution 96/C 224/04 of 15 July 1996 on the transparency of vocational training certificates, and Recommendation 2001/613/EC of the European Parliament and of the Council of 10 July 2001 on mobility within the Community for students, persons undergoing training, volunteers, teachers and trainers.

More information on transparency is available at: www.europass.cedefop.eu.int/transparency

5. OFFICIAL BASIS OF THE CERTIFICATE

<p>Name and status of the body awarding the certificate</p> <p>Chamber of Industry and Commerce</p>	<p>Name and status of the national/regional authority providing accreditation/recognition of the certificate</p> <p>Chamber of Industry and Commerce</p>
<p>Level of the certificate (national or international)</p> <p>ISCED 3B German Qualifications Framework (DQR) level 4 (alignment is preliminary pursuant to "German Qualifications Framework for Lifelong Learning" - German EQF - Referencing report of 15 November 2012). Published by: Federal Ministry of Education and Research (BMBF), Berlin and Bonn; Standing Conference of the Ministers of Education and Cultural Affairs of the Länder in the Federal Republic of Germany (Conference of the Ministers of Education and Cultural Affairs - KMK), Berlin)</p>	<p>Grading scale / Pass requirements</p> <p>100-92 points = 1 = excellent 91 - 81 points = 2 = good 80 - 67 points = 3 = average 66 - 50 points = 4 = pass 49 - 30 points = 5 = poor 29 - 0 points = 6 = fail</p> <p>A total of at least 50 grade points are required to pass the examination.</p>
<p>Access to next level of education / training</p> <p>Certified industrial foreman in metalworking, state certified technician in materials technology, state certified materials and test technician</p>	<p>International agreements</p> <p>In the field of vocational training, joint declarations on the comparability of qualifications obtained in the respective vocational training systems have been signed on the basis of bilateral agreements concluded between Germany and France and between Germany and Austria.</p>
<p>Legal basis</p> <p>Ordinance on Initial Vocational Education and Training in the Occupation of Materials tester specialising in systems technology of 06/25/2013 (Federal Law Gazette, Part I, p 1693) Resolution of the Standing Conference of the Ministers of Education and Cultural Affairs of the Länder in the Federal Republic of Germany, KMK, of 25.04.2013)</p>	

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

<p>Final examination administered by the competent body:</p> <ol style="list-style-type: none"> 1. after completion of dual training in a company and at part-time vocational school (normal procedure) 2. after retraining in a recognized training occupation 3. as an external examination for working people without formal vocational qualifications or persons who have been trained at full-time vocational schools or other vocational training institutions
<p>Additional information</p> <p>Entry requirements: Entry requirements are not governed by legislation; as a rule, young people are admitted after completing (nine or ten years of) general education.</p> <p>Duration of training: 3,5 years.</p> <p>Training in the "dual system": Teaching of the knowledge, skills and competences needed for an occupation is based on the typical requirements of work and business processes and prepares the trainees for a specific job. The training is provided in a company and at part-time vocational school: In the company, the trainees acquire practical skills in a real working environment. On one or two days per week, the trainees attend part-time vocational school, where they are taught general and vocational knowledge related to their training occupation.</p> <p>More information is available at: www.berufenet.arbeitsagentur.de</p> <p>National Europass Centre www.europass-info.de</p>