



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

**Abschlussprüfung im staatlich anerkannten Ausbildungsberuf  
Verfahrensmechaniker/ Verfahrensmechanikerin für Kunststoff und Kautschuktechnik -  
Fachrichtung Faserverbundtechnologie**

(1) in original language

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

**Final examination in the state-recognized training occupation Mechanic in plastics and  
rubber processing – specialised in fibre composite technology**

(1) This translation has no legal status.

3. PROFILE OF SKILLS AND COMPETENCES

- Manufacture components from fibre composite materials using various processes
- Process and repair fibre composite components
- Join, assemble and disassemble fibre composite components and sub-assemblies
- Use technical drawings, isometric representations and laying lists and prepare developed views
- Plan production processes
- Prepare polymers, reactants, fibre materials and support materials, core materials, additives and other process materials
- Process production orders
- Monitor and optimise the manufacturing process in accordance with quality standards and environmental regulations
- Carry out and document measuring and testing activities as part of quality assurance
- Operate control systems, measurement systems and process control systems
- Carry out inspections and maintenance to machines, manufacturing equipment and peripheral devices and assist with repairs
- Work in a customer and process-oriented way both autonomously and as part of a team
- Accord due consideration to economic and ecological aspects
- Communicate with upstream and downstream divisions and service areas for the purpose of optimisation of production processes
- Assist with the planning of production processes and with the development of customer-specific applications
- Transport components and sub-assemblies in a way appropriate to the materials

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

Mechanics in plastics and rubber processing specialised in fibre composite technology work for companies in the plastics processing industry and also find employment in vehicle manufacturing, aircraft construction, plant construction, boat building and in the manufacture of sporting equipment.

(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](http://www.europass.cedefop.eu.int/transparency)

## 5. OFFICIAL BASIS OF THE CERTIFICATE

<b>Name and status of the body awarding the certificate</b> Chamber of Industry and Commerce	<b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b> Chamber of Industry and Commerce
<b>Level of the certificate (national or international)</b> 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)	<b>Grading scale / Pass requirements</b> 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  A total of at least 50 grade points are required to pass the examination.
<b>Access to next level of education / training</b> Certified industrial foreman in plastics and rubber technology, state certified technician in plastics and rubber technology, specialist in fibre composite (offered by State Chamber of Industry and Commerce since 2010 and by Augsburg Chamber of Industry and Commerce since 2011)	<b>International agreements</b> 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.
<b>Legal basis</b> Ordinance on Initial Vocational Education and Training in the Occupation of Mechanic in plastics and rubber processing – specialised in fibre composite technology of 05/21/2012 (Federal Law Gazette, Part I, p 1168) Resolution of the Standing Conference of the Ministers of Education and Cultural Affairs of the Länder in the Federal Republic of Germany, KMK, of 22.03.2012)	

## 6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Final examination administered by the competent body: <ol style="list-style-type: none"> <li>1. after completion of dual training in a company and at part-time vocational school (normal procedure)</li> <li>2. after retraining in a recognized training occupation</li> <li>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</li> </ol>
<b>Additional information</b>  <b>Entry requirements:</b> Entry requirements are not governed by legislation; as a rule, young people are admitted after completing (nine or ten years of) general education. <b>Duration of training:</b> 3 years. <b>Training in the "dual system":</b> 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. <b>The training is provided in a company and at part-time vocational school:</b> 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.  <b>More information</b> is available at: <a href="http://www.berufenet.arbeitsagentur.de">www.berufenet.arbeitsagentur.de</a>  <b>National Europass Centre</b> <a href="http://www.europass-info.de">www.europass-info.de</a>