europass

CERTIFICATE SUPPLEMENT (*)

Deutschland

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

Abschlussprüfung im staatlich anerkannten Ausbildungsberuf
Kunststoff- und Kautschuktechnologe / Kunststoff- und Kautschuktechnologin
Fachrichtung Faserverbundtechnologie

(1) in original language

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

Final examination in the state-recognized training occupation plastics and rubber technologist – specialism of 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 open and closed loop 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)

Plastics and rubber technologists specialising 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

5. OFFICIAL BASIS OF THE CERTIFICATE

Name and status of the body awarding the certificate	**Name and status of the national/regional authority providing accreditation/recognition of the certificate**
Chamber of Industry and Commerce	Chamber of Industry and Commerce
Level of the certificate (national or international) ISCED 354 This qualification corresponds to Level 4 of the German and European Qualifications Framework; cf. publication from 1 August 2013 (BAnz AT 20/11/2013 B2)	**Grading scale / Pass requirements** 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.
Access to next level of education / training • Bachelor Professional of Plastics and Rubber Production • Bachelor Professional in Plastics and Rubber Technology • Specialist in fibre composite (offered by Stade Chamber of Industry and Commerce since 2010 and by Augsburg Chamber of Industry and Commerce since 2011) • State certified technician in the relevant specialisms (Bachelor Professional in Technology)	**International agreements** 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 and between Germany and Switzerland.

Legal basis
Ordinance on Initial Vocational Education and Training in the Occupation of plastics and rubber technologist – specialism of fibre composite technology of 06/14/2023 (Federal Law Gazette, Part I, nr 151)

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Final examination administered by the competent body:
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

Additional information

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.

Duration of training: 3 years.

Training in the "dual system":
The knowledge, skills and competences delivered in a training occupation are based on the typical requirements of work processes and prepare the trainees for a specific job as well as for further qualifications. **The training is provided in a company and at vocational school:** Trainees spend 75% of the duration of training in the company. Here they acquire practical skills in a real working environment. Trainees complete 25% of training time in vocational school where they are taught general and vocational knowledge as it relates to their training occupation.

More information is available at:
www.berufenet.de
www.europass-info.de