



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

**Abschlussprüfung im staatlich anerkannten Ausbildungsberuf
Zerspanungsmechaniker/Zerspanungsmechanikerin**

(1) in original language

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

Final examination in the state-recognized training occupation Milling machine operator

(1) This translation has no legal status.

3. PROFILE OF SKILLS AND COMPETENCES

- Evaluate and analyse production orders for technical feasibility
- Select information sources and technical documentation to carry out the production work
- Select production systems appropriate for the order
- Plan production processes, and create, optimise and set up programmes for numerically controlled production systems
- Use datasheets, descriptions, instruction manuals and other information commonly used in the occupation, including in English
- Set up the workstation and organise working procedures taking into account specifications regarding time limits and cost efficiency; make components according to quality specifications using mechanical machining techniques, and monitor the production process
- Apply quality management systems
- Document and evaluate work and test results and derive measures for production and processes optimisation
- Monitor and check safety devices and maintain and inspect production systems
- Work as part of a team
- Provide instructions in the operation of production systems
- Coordinate activities with upstream and downstream departments
- Comply with customer requirements.
- Use IT systems, including in digitalised processes
- Apply regulations relating to data protection and information security.

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

Milling machine operators work in the industrial and craft trades sectors where milling processes are used to manufacture components. Typical areas of deployment include lathe systems, milling machine systems, automatic lathe systems and grinding machine systems used for customised and serial production.

(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 Chamber of Industry and Commerce	Name and status of the national/regional authority providing accreditation/recognition of the certificate 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 <ul style="list-style-type: none"> • Certified industrial master craftsman specialising in metalworking • Certified industrial master craftsman specialising in mechatronics • State-certified technician in the relevant specialisms. • Certified process manager – production 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.
Legal basis Ordinance on Initial Vocational Education and Training in the Occupation of Milling machine operator of 06/28/2018 (Federal Law Gazette, Part I, p 975) Resolution of the Standing Conference of the Ministers of Education and Cultural Affairs of the Länder in the Federal Republic of Germany (KMK) of 25.03.2004 in der Fassung vom 23.02.2018 (Federal Gazette AT 26.09.2018 B1)	

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Final examination administered by the competent body: <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
Additional information <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>