



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

**Gesellenprüfung im staatlich anerkannten Ausbildungsberuf
Feinwerkmechaniker/ Feinwerkmechanikerin**

(1) in original language

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

journeyman's examination in the state-recognized training occupation precision machinist

(1) This translation has no legal status.

3. PROFILE OF SKILLS AND COMPETENCES

Precision machinists carry out their work independently and as part of a team, observing the relevant regulations and safety provisions and working from technical documentation and job orders. They obtain information and plan and coordinate their work in consultation with supervisors and colleagues and with preceding and following functional units, making use of technical terms in both German and English and documenting their work. They also carry out appropriate quality assurance, occupational health and safety and environmental protection measures.

Precision machinists

- plan and control operational procedures, and check and evaluate the resulting work,
- apply standards and guidelines to assure product quality, and contribute to the continuous improvement of work processes within the company,
- measure and test mechanical and physical dimensions,
- make workpieces and components using manual and mechanical manufacturing methods,
- configure and optimise programs and operate numerically controlled machines, devices or plant,
- assemble, dismantle and commission machines, instruments, jigs and fixtures, systems and plant, including the associated automation and control systems, and explain them to customers
- carry out servicing, trace faults and malfunctions, and carry out maintenance of machines, instruments, jigs and fixtures, systems and plant, including the associated automation and control systems.

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

Precision machinists work in the fields of mechanical engineering, toolmaking and precision engineering. They are employed in the manufacture and maintenance of machines, instruments, systems and plant and of stamped, cut, milled and formed products, and in the fabrication of jigs and fixtures, moulds and dies.

(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 Crafts and Trades	Name and status of the national/regional authority providing accreditation/recognition of the certificate Chamber of Crafts and Trades
Level of the certificate (national or international) 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)	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 Master precision machinist, Certified industrial supervisor specialising in metalworking	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 precision machinist of 07/07/2010 (Federal Law Gazette, Part I, p 888) Resolution of the Standing Conference of the Ministers of Education and Cultural Affairs of the Länder in the Federal Republic of Germany, KMK, of 14.05.2002), (Federal Gazette, No 187a of 08.10.2002)	

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 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: 3,5 years. 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. More information is available at: www.berufenet.arbeitsagentur.de National Europass Centre www.europass-info.de