

1. BEZEICHNUNG DES ZEUGNISSES (DE)

**Abschlusszeugnis der Fachschule/Fachakademie
Staatlich geprüfter Techniker/Staatlich geprüfte Technikerin**

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

**Leaving certificate of trade and technical school/trade and technical academy
State-certified technical engineer**

This translation has no legal status

3. PROFILE OF SKILLS AND COMPETENCES

- Solve technical and scientific problems on the basis of broad and integrated knowledge
- Autonomous market and customer oriented implementation of new technologies
- Well-founded analysis and autonomous shaping of operational procedures, work processes and general prevailing conditions
- Use of hardware in a way which is appropriate to the situation and confident application of software for computer-aided technological process preparation and process management
- Confident application of project planning, project execution and project-control methods
- Represent and structure complex technical and organisational processes
- Assessment of professional innovation and sustainable structuring of interdisciplinary cooperation
- Initiate and implement suitable quality-assurance measures
- Well-founded analysis and consideration of general prevailing economic conditions in own and target country
- Possess detailed knowledge of national and international legal regulations which are of relevance to the successful completion of technical and operational tasks
- Market- and customer-oriented completion of management tasks at the middle management level
- Use knowledge of foreign languages in a way which is adequate to the situation
- Act with foresight and responsibility in considering and making decisions
- Use conflict management methods
- Appraise and lead people
- Detailed understanding of group structures, exerting a positive influence on groups and managing groups in a positive manner
- Cooperative and communicative behaviour within the team and in dealings with customers
- Assumption of entrepreneurial and social responsibility
- Demonstrate ethical, economic and ecological awareness within the context of sustainable development

^(*) Explanatory note

This document is designed to provide additional information about the specified certificate and has no 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 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.cedefop.eu.int/transparency

© European Communities 2002

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE

State-certified technical engineers work independently and/or as part of a team in technical fields of activity at companies in various branches.

5. OFFICIAL BASIS OF THE CERTIFICATE

Name and status of the body awarding the certificate Public or state-recognised vocational school (Address see certificate).	Name and status of the national/regional authority providing accreditation/recognition of the certificate Highest education authority of the federal state (Ministry/Senate) Ministerium für Schule und Bildung des Landes Nordrhein-Westfalen Völklinger Str. 49 40221 Düsseldorf Fon: 0049 (0)211 5867 40 Fax: 0049 (0)211 5867 3220 E-Mail: poststelle@msb.nrw.de
Level of the certificate (national or international) ISCED 1997: 5B DQR/EQF: 6	Grading scale/pass requirements 1 = excellent 2 = good 3 = average 4 = pass 5 = poor 6 = fail In order to pass the examination, an overall score of at least "pass" is required.
Access to the next level of education/training General access to higher education (in accordance with the Higher Education Act of the federal state)	International agreements -
Legal basis Ordinance on trade and technical schools/trade and technical academies of the respective federal state Verordnung über die Ausbildung und Prüfung in den Bildungsgängen des Berufskollegs (Ausbildungs- und Prüfungsordnung Berufskolleg – APO-BK) vom 26. Mai 1999 in der jeweils gültigen Fassung (SGV. NRW. 223)	

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

State final examination:

1. following completion of training within the scope of the curriculum stipulated at a trade and technical school/trade and technical academy or
2. following admission as a non-pupil by the education authority of the federal state.

Additional information

Entry requirements: completion of recognised and relevant vocational education and training pursuant to the Vocational Training Act/Crafts and Trades Regulation Code or in accordance with the regulations of the federal states and one year of relevant occupational activity
or
 completion of vocational school or of an equivalent level of education and relevant occupational activity of at least 5 years.

Duration of training: at least 2 years (minimum of 2,400 hours)

Educational aim: Trade and technical schools/trade and technical academies are institutions which provide continuing vocational training for the assumption of management tasks. Trade and technical schools/trade and technical academies offer a range of organisational forms of teaching (full-time or part-time basis) which lead to a post-secondary state vocational education and training qualification in accordance with federal state law.

For further information, please visit:

www.kmk.org
 www.berufenet.arbeitsagentur.de
 www.europass-info.de