



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

**Abschlussprüfung im staatlich anerkannten Ausbildungsberuf  
Chemikant/ Chemikantin**

(1) in original language

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

**Final examination in the state-recognized training occupation Chemical technician (m/f)**

(1) This translation has no legal status.

3. PROFILE OF SKILLS AND COMPETENCES

- Carry out chemical processing technology, process control and plant engineering works, interdisciplinary cooperation along the process chain
- Monitor, control and document chemical production flow and processing steps
- Plan, check and document the steps necessary for the production and processing of different products
- Work within a team to ensure processes run smoothly
- Cooperate with other qualified staff (e.g. industrial mechanic, electronics technician for automation technology) in servicing, troubleshooting and preventive maintenance
- Determine substance parameters and properties in a process oriented manner
- Use computers and process control systems for machine and plant control, data retrieval and processing as well as for documentation purposes, for obtaining information and for logistical and organisational purposes
- Act within the framework of "responsible care" by according due consideration to regulations concerning health and environmental protection, health and safety at work, plant safety and quality assurance
- Environmentally compatible disposal and recycling of waste.

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

Chemical technicians work in production companies within the chemical industry and related industries (e.g. rubber, plastics and mineral oil processing, active substance production, waste management). Their range of tasks includes: production, treatment and processing of chemical substances and preparations; servicing and monitoring of production equipment; repair and maintenance and chemical and technical works.

(1) if applicable

(<sup>1</sup>) 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 chemical industrial foreman	<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 Chemical technician (m/f) of 02/27/2001 (Federal Law Gazette, Part I, p 350) Resolution of the Standing Conference of the Ministers of Education and Cultural Affairs of the Länder in the Federal Republic of Germany, KMK, of 01.12.2000), (Federal Gazette, No 124a of 07.07.2001)	

## 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> 3,5 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>