



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

**Abschlussprüfung im staatlich anerkannten Ausbildungsberuf  
Verfahrensmechaniker/ Verfahrensmechanikerin in der Steine- und Erdenindustrie -  
Fachrichtung Kalksandsteine oder Porenbeton**

(1) in original language

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

**Final examination in the state-recognized training occupation Process mechanic in the  
non-metallic minerals industry – specialising in sand-lime brick and aerated concrete**

(1) This translation has no legal status.

3. PROFILE OF SKILLS AND COMPETENCES

- Monitor, operate and control production plants
- Carry out quality assurance measures and maintain operating equipment
- Monitor the weighing of solid substances, the addition of water and the mixing process for producing sand-lime brick and aerated concrete pastes
- Operate and maintain plant and machinery for the production of reinforcing elements, including the application of protection against corrosion
- Monitor the correct positioning of reinforcing elements in the moulds for shaping aerated concrete products as and when required
- Monitor filling, hardening and blowing processes
- Monitor the cutting process for boards and sections
- Check and label cut articles
- Monitor the moulding process for producing sand-lime bricks within the sand-lime brick shaping process
- Conduct checks and label products
- Operate and monitor the autoclaves for steam-hardening (only after additional training as a boilerman)
- Set up and monitor after-treatment and post-processing machines, cement and partially assemble aerated concrete parts to form large-format elements, carry out cleaning and maintenance operations during inspection tours
- Join sand-lime bricks to reinforcing elements and use mortar to form reinforced sand-lime brick structures as and when required
- Carry out final checks, sort, store and palletise/package products.

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

Process mechanics in the non-metallic minerals industry specialising in sand-lime brick and aerated concrete are mainly employed by sand-lime brick and aerated concrete works.

(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](http://www.europass.cedefop.eu.int/transparency)

## 5. OFFICIAL BASIS OF THE CERTIFICATE

<p><b>Name and status of the body awarding the certificate</b></p> <p>Chamber of Industry and Commerce</p>	<p><b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b></p> <p>Chamber of Industry and Commerce</p>
<p><b>Level of the certificate (national or international)</b></p> <p>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)</p>	<p><b>Grading scale / Pass requirements</b></p> <p>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</p> <p>A total of at least 50 grade points are required to pass the examination.</p>
<p><b>Access to next level of education / training</b></p> <p>Certified industrial foreman in the concrete block industry</p>	<p><b>International agreements</b></p> <p>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.</p>
<p><b>Legal basis</b> Ordinance on Initial Vocational Education and Training in the Occupation of Process mechanic in the non-metallic minerals industry – specialising in sand-lime brick and aerated concrete of 02/09/2004 (Federal Law Gazette, Part I, p 180) Resolution of the Standing Conference of the Ministers of Education and Cultural Affairs of the Länder in the Federal Republic of Germany, KMK, of 21.11.1996, (Federal Gazette, No 191a of 14.10.1997)</p>	

## 6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

<p>Final examination administered by the competent body:</p> <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>
<p><b>Additional information</b></p> <p><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.</p> <p><b>Duration of training:</b> 3 years.</p> <p><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.</p> <p><b>More information</b> is available at: <a href="http://www.berufenet.arbeitsagentur.de">www.berufenet.arbeitsagentur.de</a></p> <p><b>National Europass Centre</b> <a href="http://www.europass-info.de">www.europass-info.de</a></p>