



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

**Abschlussprüfung im staatlich anerkannten Ausbildungsberuf  
Verfahrenstechnologin Metall und Verfahrenstechnologe Metall - Fachrichtung  
Nichteisenmetallurgie**

(1) in original language

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

**Final examination in the state-recognized training occupation Process technologist for the  
metalworking industry - specialising in non-ferrous metallurgy**

(1) This translation has no legal status.

3. PROFILE OF SKILLS AND COMPETENCES

- Moulding of materials in production facilities from raw materials and recycling materials
- Control regulation of production processes
- Setting up of handling and material flow systems
- Monitoring and optimisation of processes
- Implementation of process-related testing
- Application of standard and production software for order processing
- Completion of metallurgical processes
- Working as part of a team (also international)
- Identification and resolution of disruption in the production process
- Use of heat treatment processes
- Influencing of chemical processes
- Inspection of materials and implementation of quality assurance measures
- Maintenance of production systems and facilities
- Preparation and storage of charge materials
- Handling of materials and auxiliary materials.
- Recycling and disposal of auxiliary and operating materials in line with environmental requirements
- Handling and maintenance of working and operating equipment
- Production of components and assemblies
- Application of control and regulation technology
- Organisation and implementation of logistics processes.

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

Process technologists for the metalworking industry - specialising in non-ferrous metal forming - work in the iron and steel making industry, for example, on slag-tap furnaces, in pot rooms and in flash smelting facilities in non-ferrous metallurgy (e.g. in the production of lead, aluminium and copper).

(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 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)</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 master craftsman State certified technician in the relevant specialisms</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></p> <p>Ordinance on Initial Vocational Education and Training in the Occupation of Process technologist for the metalworking industry - specialising in non-ferrous metallurgy of 12/04/2017 (Federal Law Gazette, Part I, p 3834) Resolution of the Standing Conference of the Ministers of Education and Cultural Affairs of the Länder in the Federal Republic of Germany (KMK) of 15.09.2017 (Federal Gazette AT 03.04.2018 B1)</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> 3,5 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>